



Sistemi poslovne inteligencije

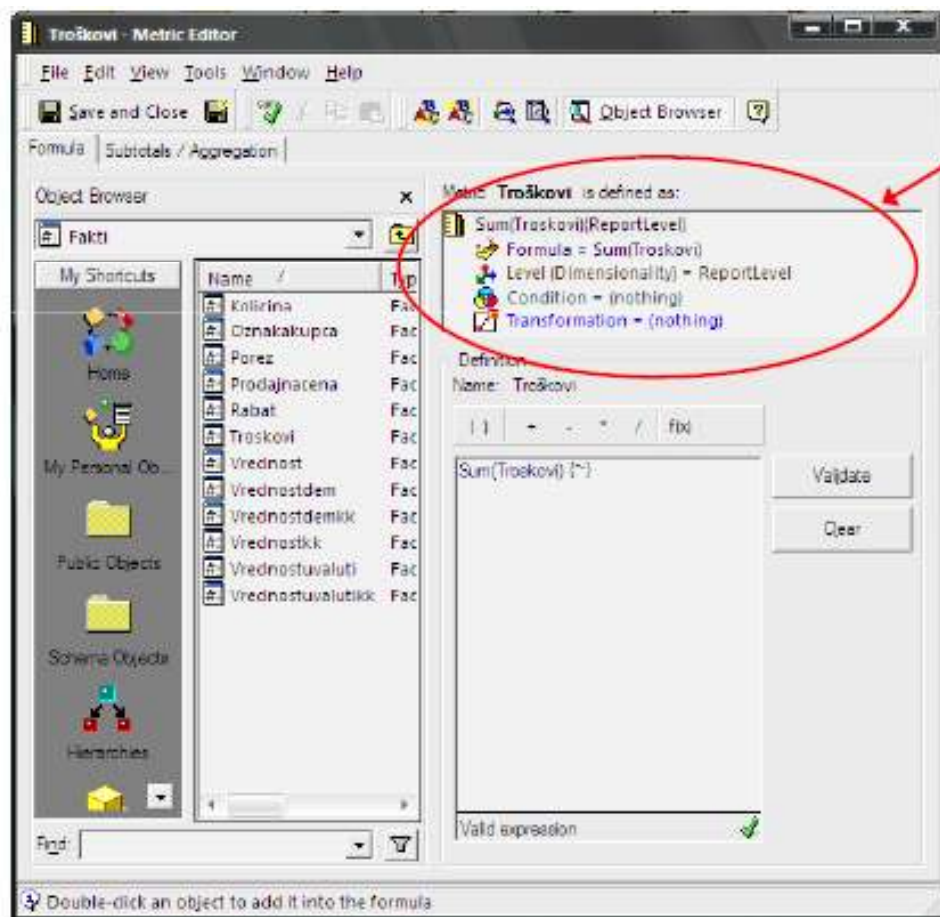
9. nedelja

**3. Napredne tehnike-Složene
metrike**

Doc. dr Imre Petković

Složene metrike/mere

Komponente mera – Obavezne komponente su objašnjene ranije



Komponente mera

Obavezne komponente:

- Formula i
- Nivo

Opcione komponente:

- Uslov i
- Transformacija



Složene metrike/mere

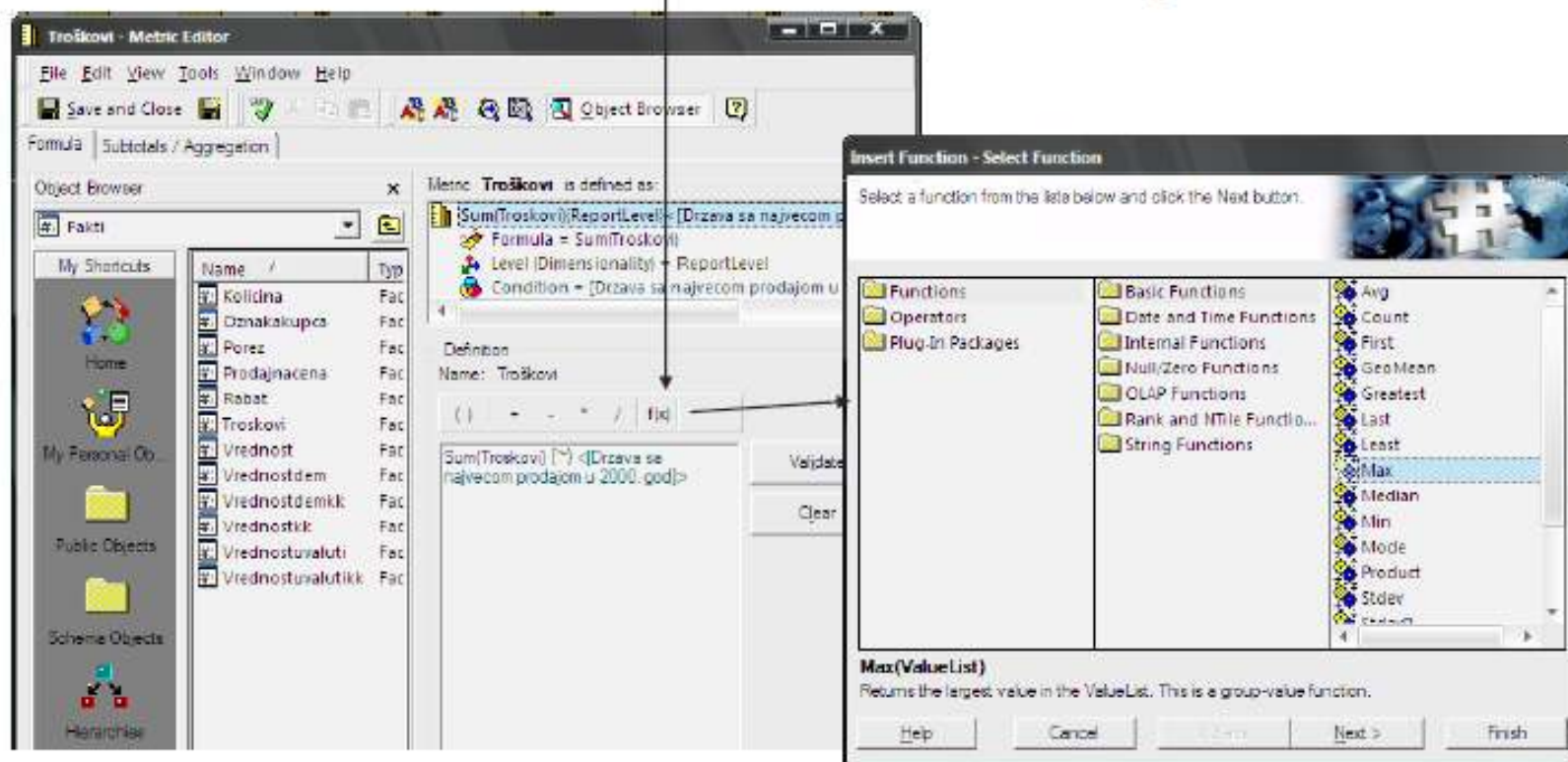
Komponente mera – Obavezne komponente (Formula i Nivo) su objašnjene ranije

- **Formula** – specificira tip proračuna koji treba izvršiti, a uključuje i činjenice, attribute ili mere kojima se definišu podaci nad kojima će se proračun vršiti.
- **Nivo** (Dimenzionalnost) – specificira nivo na kojem se podaci agregiraju.
- **Uslov** (Conditionality) – omogućuje povezivanje postojećeg filter objekta sa metrikom, kako bi samo podaci koji zadovoljavaju uslov bili uključeni u proračun.
- **Transformacija** – omogućuje povezivanje mere sa nekim objektom transformacione šeme, koji se koristi pri određivanju transformacione vrednosti koja predstavlja osnov za novo filtriranje podataka po nekom atributu isključivo za potrebe izračunavanja vred. ove mere.

Složene metrike/mere

Komponente mera – **FORMULA**

Formula mere – izbor funkcije



Složene metrike/mere

Komponente mera – **NIVO**

Parametri nivoa mere:

Cilj (Target)

Određuje po kojim atributima će se vršiti grupisanje pri računanju mere.

Grupisanje (Grouping)

Grupisanjem se određuje kako će se agregirati podaci pri računanju vrednosti mere.

Filtriranje mere (Filtering)

Parametar Filtriranje određuje ponašanje mere (način njenog računanja) u odnosu na filter definisan u izveštaju (report filter).

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

rateav Desktop
UkVrPremije - Metric Editor

Object Browser

Metric **UkVrPremije** is defined as:

- Sum([Iznos Premije]){ReportLevel}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije

() + - * / f(x)

Sum([Iznos Premije]) {~+}

rateav Desktop
UkVrPremije-Rep-Mes - Metric Editor

Object Browser

Metric **UkVrPremije-Rep-Mes** is defined as:

- Sum([Iznos Premije]){ReportLevel, GodinaMesecSklapanjaPolise}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, GodinaMesecSklapanjaPolise
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije-Rep-Mes

() + - * / f(x)

Sum([Iznos Premije]) {~+ GodinaMesecSklapanjaPolise}

rateav Desktop
UkVrPremije-Mes - Metric Editor

Object Browser

Metric **UkVrPremije-Mes** is defined as:

- Sum([Iznos Premije]){GodinaMesecSklapanjaPolise}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = GodinaMesecSklapanjaPolise
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije-Mes

() + - * / f(x)

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

File

Other

File

Edit

View

Insert

Format

Data

Grid

Move

Window

Help

Save and Close

Corporate

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

Execution complete Execution Time: 00:00:01 Rows: 850 Columns: 3 Local Template Standard

Report details				Metrika	UkVrPremije-Rap	UkVrPremije-Rap-Mes	UkVrPremije-Mes
Name	GodinaSklopavanjaPolisa	GodinaMesecSklopavanjaPolisa	GodinaMesecSklopavanjaPolisa				
100100 2103957505079 Petar Petrovic	2006	2006-1	2006-1		11,300	11,300	409,300
			2006-2		11,500	11,500	409,300
		2006-6	2006-20		11,300	11,300	620,250
		2006-7	2006-20		23,500	23,500	547,100
	2007	2007-1	2007-4		11,500	11,500	558,550
		2007-2	2007-6		22,500	22,500	643,500
		2007-7	2007-30		2,600	2,600	430,150
		2007-8	2007-32		11,500	11,500	753,100
		2007-9	2007-50		0,500	0,500	845,550
		2007-12	2007-52		31,300	31,300	845,550
			2006-1		2,500	2,500	409,300
			2006-2		2,500	2,500	409,300
100101 3103957505079 Lazar Lazarevic	2006	2006-1	2006-1		12,700	12,700	547,100
			2006-2		12,700	12,700	547,100
		2006-6	2006-20		12,700	12,700	547,100
		2006-7	2006-20		17,500	17,500	558,550
	2007	2007-1	2007-4		12,850	12,850	643,500
		2007-2	2007-6		11,300	11,300	430,150
		2007-7	2007-30		17,500	17,500	753,100
		2007-8	2007-32		12,700	12,700	845,550
		2007-9	2007-50		29,900	29,900	845,550
		2007-12	2007-52		39,000	39,000	409,300
			2006-1		22,500	22,500	409,300
			2006-2		0,500	0,500	547,100
100102 1201950909010 Ena Tot	2006	2006-1	2006-1		22,500	22,500	547,100
			2006-2		42,500	42,500	558,550
		2006-6	2006-20		22,500	22,500	643,500
		2006-7	2006-20		14,500	14,500	430,150
	2007	2007-1	2007-4		42,500	42,500	753,100
		2007-2	2007-6		22,500	22,500	643,500
		2007-7	2007-30		14,500	14,500	430,150
		2007-8	2007-32		42,500	42,500	753,100

Složene metrike/mere

Komponenta mere – NIVO – parametar - Cilj (Target)

[illegible]

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

rateav Desktop
UkVrPremije - Metric Editor

Object Browser

Metric **UkVrPremije** is defined as:

- Sum([Iznos Premije]){ReportLevel}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije

() + - * / f(x)

Sum([Iznos Premije]) {~+}

rateav Desktop
UkVrPremije-Rep-OpstinaExp - Metric Editor

Object Browser

Metric **UkVrPremije-Rep-OpstinaExp** is defined as:

- Sum([Iznos Premije]){ReportLevel, OpstinaEkspoziture}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspoziture
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije-Rep-OpstinaExp

() + - * / f(x)

rateav Desktop
UkVrPremije-OpstinaExp - Metric Editor

Object Browser

Metric **UkVrPremije-OpstinaExp** is defined as:

- Sum([Iznos Premije]){OpstinaEkspoziture}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = OpstinaEkspoziture
- Condition = (nothing)
- Transformation = (nothing)

Definition
Name: UkVrPremije-OpstinaExp

() + - * / f(x)

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

New Report (1)

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate Rows Values B I U \$ %

Report objects

- Ekspozitura
- GodinaSklapanjaPolise
- UkVrPremije-OpstinaExp
- UkVrPremije-Rep
- UkVrPremije-Rep-OpstinaExp

Report details

View filter

GodinaSklapanjaPolise	Ekspozitura	Metrics	UkVrPremije-Rep	UkVrPremije-Rep-OpstinaExp	UkVrPremije-OpstinaExp
2006	NS AUTO 1		47,400	562,200	1,301,400
	NS AUTO 2		190,850	562,200	1,301,400
	Autoservis Milanovic		107,600	562,200	1,301,400
	Autoservis Pera		109,300	562,200	1,301,400
	Autoservis Simic		107,050	562,200	1,301,400
	Autoservis Milanovic		62,550	668,800	1,739,150
	AMSS 3		62,300	668,800	1,739,150
	Autoservis Lakic		257,750	668,800	1,739,150
	Autoservis Brkic		286,200	668,800	1,739,150
	AMSS 4		236,500	541,300	1,182,750
	Autoservis Vukovic		304,800	541,300	1,182,750
	Autoservis Radosevic		416,350	740,100	1,224,150
	AMSS 5		323,750	740,100	1,224,150
	AMSS 6		410,200	1,497,600	2,849,500
	Autoservis Lames		299,550	1,497,600	2,849,500
	Autoservis Radic		242,300	1,497,600	2,849,500
	Autoservis Komar		261,500	1,497,600	2,849,500
	Autoservis Distrikt		284,050	1,497,600	2,849,500
	AMSS 7		205,850	1,911,350	3,685,150
	AMSS 8		477,700	1,911,350	3,685,150
	AS Matkovic		317,700	1,911,350	3,685,150
	AS Rokvic		295,800	1,911,350	3,685,150
	Autoservis Burdus		337,250	1,911,350	3,685,150
	AMSS 9		277,050	1,911,350	3,685,150
	AMSS 10		377,700	377,700	582,000
	AS Hadzic		252,700	252,700	607,550
	Autoservis Dzinovic		57,150	120,650	273,600
	AS Neimarlija		63,500	120,650	273,600
	AMSS 11		105,650	155,650	151,300

Execution complete Execution Time: 00:00:01 Rows: 60 Columns: 3 Local Template Standard

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

New Report (1)

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate Rows Values Anal Wisham

Report objects: X

Report details: X

View filter

Report objects:

- Elopozitura
- GodinaSkapanjaPolise
- MesecUGodineSkapanjaPolise
- UkVrPremije-OpstinaExp
- UkVrPremije-Rep
- UkVrPremije-Rep-OpstinaExp

Report details:

GodinaSkapanjaPolise: MesecUGodineSkapanjaPolise

Dispozitura	Metrike	UkVrPremije-Rep	UkVrPremije-Rep-OpstinaExp	UkVrPremije-OpstinaExp
NS AUTO 1	21,200	100,656	1,301,488	
NS AUTO 2	2,500	100,656	1,301,488	
Autoservis Milanovic	39,050	100,656	1,301,488	
Autoservis Para	28,000	100,656	1,301,488	
Autoservis Senc	9,900	100,656	1,301,488	
Autoservis Milanovic	9,900	33,688	1,739,158	
ARSS 3	11,300	33,688	1,739,158	
Autoservis Lalic	2,500	33,688	1,739,158	
Autoservis Brko	9,900	33,688	1,739,158	
ARSS 4	9,900	21,488	1,182,758	
Autoservis Vukovic	11,500	21,488	1,182,758	
Autoservis Radosevic	17,500	40,888	1,224,158	
ARSS 5	22,500	40,888	1,224,158	
ARSS 6	12,850	55,558	2,849,588	
Autoservis Limes	8,200	55,558	2,849,588	
Autoservis Radic	11,500	55,558	2,849,588	
Autoservis Kolar	2,500	55,558	2,849,588	
Autoservis Dabrid	22,500	55,558	2,849,588	
ARSS 7	12,850	74,488	3,685,158	
ARSS 8	22,500	74,488	3,685,158	
AS Imkovic	12,850	74,488	3,685,158	
AS Rakovic	8,200	74,488	3,685,158	
Autoservis Bards	2,500	74,488	3,685,158	
ARSS 9	17,500	74,488	3,685,158	
ARSS 18	22,500	22,558	582,888	
AS Hadzo	11,300	11,300	607,558	
Autoservis Oskovic	14,550	27,258	273,688	
AS Nematija	12,700	27,258	273,688	
Ukupno	45,350	45,350	45,350	

Execution complete

Execution Time: 00:00:01 Rows: 598 Columns: 3 Local Template Standard

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Cilj (Target)

New Report (1)

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate Rows Values Arial 8 Western

Report objects x Report details

Name

- Ekspozitura
- GodinaSklopja
- MesecUGodini
- OpštinaEkspozitura
- UkVrPremije
- UkVrPremije
- UkVrPremije

GodinaSklopjaPolase	MesecUGodiniSklopjaPolase	OpštinaEkspozitura	Ekspozitura	Metrika	UkVrPremije-Rep	UkVrPremije-Rep-OpštinaExp	UkVrPremije-OpštinaExp
		Bečka Palanka	Autoservis Milenovic	9,900	33,600	1,739,150	
			AMSS 3	11,300	33,600	1,739,150	
			Autoservis Lakić	2,500	33,600	1,739,150	
			Autoservis Bakić	9,900	33,600	1,739,150	
		Bečka Topola	AMSS 4	9,900	21,400	1,182,750	
			Autoservis Vuković	11,500	21,400	1,182,750	
		Karajica	AS Hadžić	11,300	11,300	607,550	
		Kikinda	Autoservis Đurđević	14,550	27,250	273,600	
			AS Heinekeja	12,700	27,250	273,600	
		Kula	Autoservis Radošević	17,500	40,000	1,324,150	
			AMSS 5	22,500	40,000	1,324,150	
			NS AUTO 1	21,200	100,050	1,301,400	
			NS AUTO 2	2,500	100,050	1,301,400	
		Novi Sad	Autoservis Milenovic	39,050	100,050	1,301,400	
			Autoservis Perić	20,000	100,050	1,301,400	
			Autoservis Šinik	9,900	100,050	1,301,400	
		Sežda	AMSS 10	22,550	22,550	582,000	
			AMSS 7	12,050	74,400	3,685,150	
			AMSS 8	22,500	74,400	3,685,150	
		Sombor	AS Matković	12,050	74,400	3,685,150	
			AS Rakić	6,200	74,400	3,685,150	
			Autoservis Burdus	2,500	74,400	3,685,150	
			AMSS 9	17,500	74,400	3,685,150	
			AMSS 6	12,050	55,550	2,849,500	
			Autoservis Limes	6,200	55,550	2,849,500	
			Autoservis Radic	11,000	55,550	2,849,500	
			Autoservis Korner	2,500	55,550	2,849,500	
			Autoservis Dabinić	22,500	55,550	2,849,500	
		Zrenjanin	AMSS 11	12,700	22,600	421,700	

Execution complete Execution Time 00:00:00 Rows 598 Columns 3 Local Template Standard



Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

Grupisanjem se određuje kako će se agregirati podaci pri računanju vrednosti mere.

Opcije grupisanja su:

- ❖ Standardno (Standard) – podaci se grupišu na nivou atributa specificiranog u cilju (target)
- ❖ Bez (None) – Isključuje ciljne attribute (i njihovu decu) iz grupisanja. Ovakvo podešavanje izračunava jedan total za ciljni (target) atribut i svaki od njegovih podređenih atributa uključenih u template izveštaja.

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

Strategov Desktop
UkVrPremije-Rep-OpstinaExp - Metric Editor

Object Browser

Metric **UkVrPremije-Rep-OpstinaExp** is defined as:

- Sum([Iznos Premije]){ReportLevel, OpstinaEkspoziture}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspoziture
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)

Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspoziture	standard	standard

Strategov Desktop
UkVrPremije-Rep-OpstinaExpGroupNone - Metric Editor

Object Browser

Metric **UkVrPremije-Rep-OpstinaExpGroupNone** is defined as:

- Sum([Iznos Premije]){ReportLevel, OpstinaEkspoziture}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspoziture
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)

Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspoziture	standard	None

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

New Report (2)

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values

Report objects

Report details

Name

Ekspozitura

GodinaSkapanjaPolise

UkVrPremije-Rep

UkVrPremije-Rep-OpstinaExp

UkVrPremije-Rep-OpstinaExpGroupPolise

UkVrPremije-OpstinaExp

GodinaSkapanjaPolise

Ekspozitura

Metrike

UkVrPremije-Rep

UkVrPremije-Rep-OpstinaExp

UkVrPremije-Rep-OpstinaExpGroupPolise

UkVrPremije-OpstinaExp

2006

NS AUTO 1

NS AUTO 2

Autoservis Miroslav

Autoservis Para

Autoservis Siro

Autoservis Miroslav

AMSS 3

Autoservis Lalic

Autoservis Brko

AMSS 4

Autoservis Vukovic

Autoservis Radosavac

AMSS 5

AMSS 6

Autoservis Limes

Autoservis Radic

Autoservis Korzar

Autoservis Dabacki

AMSS 7

AMSS 8

AS Markovic

AS Rokic

Autoservis Burduk

AMSS 9

AMSS 10

AS Hadzic

Autoservis Dzinovic

AS Mesarica

AMSS 11

AMSS 12

NS AUTO 1

Execution complete

Execution Time: 00:00:02 Rows: 60 Columns: 4 Local Template: Standard

11:10 PM 5/12/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

New Report (1)

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects Report details

Name

Ekspozitura
GodinaSklop
OpisnaEkspozitura
UKVPremije
UKVPremije
UKVPremije
UKVPremije

GodinaSklop	OpisnaEkspozitura	Ekspozitura	Metric	UKVPremije-Rep	UKVPremije-Rep-OpisnaExp	UKVPremije-Rep-OpisnaExpGroup	UKVPremije-OpisnaExp
2006	Bacsa Palanta	Autoservis Mladovic		62,558	688,800	6,828,358	1,739,158
		AMSS 3		62,388	688,800	6,828,358	1,739,158
		Autoservis Latic		257,758	688,800	6,828,358	1,739,158
	Bacsa Topola	Autoservis Brko		286,288	688,800	6,828,358	1,739,158
		AMSS 4		236,508	541,300	6,828,358	1,182,758
		Autoservis Vukovic		304,888	541,300	6,828,358	1,182,758
	Kanjara	AS Haddic		252,788	252,700	6,828,358	607,558
	Kikinda	Autoservis Donovic		57,158	128,650	6,828,358	273,688
		AS Nemanja		63,588	128,650	6,828,358	273,688
	Kula	Autoservis Radosevic		416,358	748,100	6,828,358	1,224,158
		AMSS 5		323,758	748,100	6,828,358	1,224,158
		MS AUTO 1		47,488	582,200	6,828,358	1,301,488
	Novi Sad	MS AUTO 2		190,858	582,200	6,828,358	1,301,488
		Autoservis Mladovic		107,588	582,200	6,828,358	1,301,488
		Autoservis Pera		109,388	582,200	6,828,358	1,301,488
	Senta	Autoservis Sinc		107,958	582,200	6,828,358	1,301,488
		AMSS 10		377,700	377,700	6,828,358	582,800
		AMSS 7		305,858	1,811,350	6,828,358	3,685,158
	Sember	AMSS 8		477,700	1,811,350	6,828,358	3,685,158
		AS Matkovic		317,788	1,811,350	6,828,358	3,685,158
		AS Rolovic		295,800	1,811,350	6,828,358	3,685,158
	Vrbas	Autoservis Burdus		337,258	1,811,350	6,828,358	3,685,158
		AMSS 9		277,858	1,811,350	6,828,358	3,685,158
		AMSS 6		410,288	1,487,600	6,828,358	2,849,588
Zrenjanin	Autoservis Latic		289,558	1,487,600	6,828,358	2,849,588	
	Autoservis Radic		242,388	1,487,600	6,828,358	2,849,588	
	Autoservis Komar		261,588	1,487,600	6,828,358	2,849,588	
	Autoservis Distric		284,858	1,487,600	6,828,358	2,849,588	
	AMSS 11		105,958	155,950	6,828,358	421,788	

Execution complete

Execution Time: 00:00:01 Rows: 60 Columns: 4 Local Template Standard

11:09 PM 5/10/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping) –scroll prethodnog izveštaja

New Report

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

UKVPranje Values Arial 8 Western

Report objects

Report details

Name

Ekspozitura
GodinaSklop
Optimalizacija
UKVPranje
UKVPranje
UKVPranje

2006	Backa Palanka	AMSS 3	62,388	888,800	6,828,358	1,739,158
		Autoservis Lalic	297,750	888,800	6,828,358	1,739,158
		Autoservis Brko	296,288	888,800	6,828,358	1,739,158
	Backa Topola	AMSS 4	236,508	541,300	6,828,358	1,182,758
		Autoservis Vukovic	304,888	541,300	6,828,358	1,182,758
	Kanjsa	AS Nadic	252,708	252,700	6,828,358	607,558
	Kikinda	Autoservis Donovic	57,158	128,850	6,828,358	273,688
		AS Mesterija	63,508	128,850	6,828,358	273,688
	Kula	Autoservis Radosevic	418,358	748,100	6,828,358	1,224,158
		AMSS 5	323,758	748,100	6,828,358	1,224,158
	Novi Sad	MS AUTO 1	47,488	582,200	6,828,358	1,301,488
		MS AUTO 2	190,858	582,200	6,828,358	1,301,488
		Autoservis Milosavic	107,688	582,200	6,828,358	1,301,488
		Autoservis Pera	109,308	582,200	6,828,358	1,301,488
	Senta	Autoservis Sinc	107,858	582,200	6,828,358	1,301,488
		AMSS 10	377,708	377,700	6,828,358	582,808
		AMSS 7	205,858	1,811,350	6,828,358	3,685,158
		AMSS 8	477,708	1,811,350	6,828,358	3,685,158
	Sombor	AS Matkovic	317,788	1,811,350	6,828,358	3,685,158
		AS Ralic	295,808	1,811,350	6,828,358	3,685,158
		Autoservis Burdus	337,258	1,811,350	6,828,358	3,685,158
		AMSS 9	277,858	1,811,350	6,828,358	3,685,158
	Vrbas	AMSS 6	410,288	1,487,600	6,828,358	2,849,588
		Autoservis Lemes	299,558	1,487,600	6,828,358	2,849,588
		Autoservis Radic	242,388	1,487,600	6,828,358	2,849,588
		Autoservis Komar	281,588	1,487,600	6,828,358	2,849,588
	Zrenjanin	Autoservis Dabrit	284,858	1,487,600	6,828,358	2,849,588
		AMSS 11	105,858	155,950	6,828,358	421,788
		AMSS 12	50,688	155,950	6,828,358	421,788
	Backa Palanka	Autoservis Milosavic	192,758	1,878,350	7,038,888	1,739,158
		AMSS 3	160,188	1,878,350	7,038,888	1,739,158

Execution complete

Execution Time 00:00:01 Rows 60 Columns 4 Local Template Standard

12:42 PM 5/17/2015

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

Grupisanje-2

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

UkVrPremije - Values

Report objects

Report details

Name

Report Description:

Ekspozitura
nazivEksp
Ekspozitura
GodinaSklop
godSkPol
MesecUGodi
nazivSk
nazivSk
OpstinaEksp
OpstinaExp
UkVrPremije
UkVrPremije
UkVrPremije
UkVrPremije

GodinaSklopavanjaPolise	MesecUGodiniSklopavanjaPolise	OpstinaEkspozitura	Ekspozitura	Metrica	UkVrPremije-Rep	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExpGroupifone	UkVrPremije-Opstina
januar		Bečka Palanka	Autoservis Mianovic		9,900	33,600	409,300	1,7
			AMSS 3	11,300	33,600	409,300	1,7	
			Autoservis Latic	2,900	33,600	409,300	1,7	
		Bečka Topola	Autoservis Brnc	9,900	33,600	409,300	1,7	
			AMSS 4	9,900	21,400	409,300	1,1	
			Autoservis Vukovic	11,500	21,400	409,300	1,1	
		Kanjiza	AS Hadoc	11,300	11,300	409,300	0	
			Autoservis Dphovic	14,500	27,250	409,300	2	
			AS Nemanija	12,700	37,250	409,300	2	
		Kula	Autoservis Radosevic	17,500	40,000	409,300	1,2	
			AMSS 5	22,500	40,000	409,300	1,2	
			NS AUTO 1	21,200	100,650	409,300	1,3	
		Novi Sad	NS AUTO 2	2,500	100,650	409,300	1,3	
			Autoservis Mianovic	30,050	100,650	409,300	1,3	
			Autoservis Para	20,000	100,650	409,300	1,3	
		Senta	Autoservis Sinc	9,900	100,650	409,300	1,3	
			AMSS 10	22,550	32,550	409,300	5	
			AMSS 7	12,650	74,400	409,300	3,6	
		Sombor	AMSS 8	22,500	74,400	409,300	3,6	
			AS Matkovic	12,650	74,400	409,300	3,6	
			AS Rolic	6,200	74,400	409,300	3,6	
		Vrbas	Autoservis Burduk	2,500	74,400	409,300	3,6	
			AMSS 9	17,500	74,400	409,300	3,6	
			AMSS 6	12,650	55,550	409,300	2,8	
			Autoservis Lamas	6,200	55,550	409,300	2,8	
			Autoservis Radic	11,500	55,550	409,300	2,8	
			Autoservis Kinar	2,500	55,550	409,300	2,8	
			Autoservis Distrit	22,500	55,550	409,300	2,8	

Execution complete

Execution Time: 00:00:02

Rows: 508

Columns: 4

Local Template

Standard

11:33 PM

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

Grupisanje-4

File Edit View Insert Format Data Grid Layout Window Help

Save and Close Corporate

Rows Values

Report objects x Report details

Name

Elapozitura
nazivElapozitura
Elapozitura
GodinaSklop
godSklop
KvartalUGod
nazivKvartalUGod
vrednost
OpstinaElapozitura
OpstinaElapozitura
UKVrPremije
UKVrPremije
UKVrPremije
UKVrPremije

GodinaSklopjanjePolase KvartalUGodinaSklopjanjePolase OpstinaElapozitura Elapozitura Metrica UKVrPremije-Rep UKVrPremije-Rep-OpstinaExp UKVrPremije-Rep-OpstinaExpGroupifione UKVrPremije-Opstina

prvi

GodinaSklopjanjePolase	KvartalUGodinaSklopjanjePolase	OpstinaElapozitura	Elapozitura	Metrica	UKVrPremije-Rep	UKVrPremije-Rep-OpstinaExp	UKVrPremije-Rep-OpstinaExpGroupifione	UKVrPremije-Opstina
		Bečka Palanka	Autoservis Milevici		12,488	189,600	1,157,258	1,7
			AMSS 3		21,288	189,600	1,157,258	1,7
			Autoservis Latic		35,000	189,600	1,157,258	1,7
			Autoservis Brko		41,888	189,600	1,157,258	1,7
		Bečka Topola	AMSS 4		42,488	88,250	1,157,258	1,11
			Autoservis Valovici		45,888	88,250	1,157,258	1,11
		Kanjiža	AS Radoc		36,700	36,700	1,157,258	8
		Kikinda	Autoservis Dzinovic		17,850	38,850	1,157,258	2
			AS Nemasija		22,800	38,850	1,157,258	2
		Kula	Autoservis Radosevic		92,158	133,250	1,157,258	1,2
			AMSS 5		41,100	133,250	1,157,258	1,2
			MS AUTO 1		21,288	158,950	1,157,258	1,3
			MS AUTO 2		17,858	158,950	1,157,258	1,3
		Novi Sad	Autoservis Milevici		48,958	158,950	1,157,258	1,3
			Autoservis Para		39,380	158,950	1,157,258	1,3
			Autoservis Siroki		24,458	158,950	1,157,258	1,3
		Senta	AMSS 10		47,888	47,888	1,157,258	5
			AMSS 7		35,688	289,750	1,157,258	3,8
			AMSS 8		40,888	289,750	1,157,258	3,8
		Sečelj	AS Matkovic		26,858	289,750	1,157,258	3,8
			AS Rohic		39,888	289,750	1,157,258	3,8
			Autoservis Burdus		30,288	289,750	1,157,258	3,8
			AMSS 9		37,388	289,750	1,157,258	3,8
			AMSS 6		51,688	289,750	1,157,258	2,8
			Autoservis Lamas		47,788	289,750	1,157,258	2,8
		Vrbas	Autoservis Rodic		106,158	289,750	1,157,258	2,8
			Autoservis Komar		24,888	289,750	1,157,258	2,8
			Autoservis Destrat		64,888	289,750	1,157,258	2,8

Execution complete Execution Time: 00:00:01 Rows: 236 Columns: 4 Local Template Standard

12:01 AM 12/11/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

New Report

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects Report details

Name

- Ekspozitura
- GodinaKvarta
- GodinaMesec
- GodinaNedel
- GodinaSkupa
- OpstinaSkupa
- UkVrPremije
- UkVrPremije
- UkVrPremije
- UkVrPremije

GodinaMesec	OpstinaSkupa	Ekspozitura	Metrika	UkVrPremije-Rep	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExpGroupfisc	UkVrPremije-OpstinaExp
2006-1	Backa Palanka	Autoservis Milevici	9,900	23,700	114,450	1,739,150	
		AMSS 3	11,300	23,700	114,450	1,739,150	
		Autoservis Lako	2,500	23,700	114,450	1,739,150	
		NS AUTO 1	11,300	90,750	114,450	1,301,400	
		NS AUTO 2	2,500	90,750	114,450	1,301,400	
	Novi Sad	Autoservis Milevici	39,000	90,750	114,450	1,301,400	
		Autoservis Pera	20,000	90,750	114,450	1,301,400	
		Autoservis Simic	9,900	90,750	114,450	1,301,400	
		Autoservis Brko	9,900	9,900	162,200	1,739,150	
		AMSS 4	9,900	21,400	162,200	1,182,750	
2006-2	Backa Topola	Autoservis Vukovic	11,500	21,400	162,200	1,182,750	
		Autoservis Radosavac	17,500	40,000	162,200	1,224,150	
		AMSS 5	22,500	40,000	162,200	1,224,150	
	Sombor	AMSS 7	12,000	35,300	162,200	3,605,150	
		AMSS 8	22,500	35,300	162,200	3,605,150	
		AMSS 6	12,000	55,500	162,200	2,049,500	
	Vrba	Autoservis Ljilac	6,200	55,500	162,200	2,049,500	
		Autoservis Radic	11,500	55,500	162,200	2,049,500	
		Autoservis Kovar	2,500	55,500	162,200	2,049,500	
		Autoservis Dabrot	22,500	55,500	162,200	2,049,500	
2006-4	Kanjiza	AS Hodo	11,300	11,300	87,450	607,650	
		Autoservis Donovic	14,500	14,500	87,450	273,600	
		AMSS 10	22,500	22,500	87,450	582,800	
	Sombor	AS Malovic	12,000	39,050	87,450	3,605,150	
		AS Roko	6,200	39,050	87,450	3,605,150	
		Autoservis Bunkas	2,500	39,050	87,450	3,605,150	
	Kikinda	AMSS 9	17,500	39,050	87,450	3,605,150	
		AS Nemesija	12,700	12,700	45,200	273,600	

Execution complete Execution Time 00:00:02 Rows 720 Columns 4 Local Template Standard

12:20 PM 5/17/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

New Report

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects Report details

Name

- Ekspozitura
- GodinaKvarta
- GodinaMesec
- GodinaSklop
- OpisnaEksp
- UkVrPremije
- UkVrPremije
- UkVrPremije
- UkVrPremije

GodinaMesecSklop	OpisnaEkspozitura	Ekspozitura	Metrics	UkVrPremije-Rep	UkVrPremije-Rep-OpisnaEksp	UkVrPremije-Rep-OpisnaEkspGroupMons	UkVrPremije-OpisnaEksp
2015-1	Becka Palanka	Autoservis Milanovic		9,900	33,600	489,300	1,739,150
		AISS 3		11,300	33,600	489,300	1,739,150
		Autoservis Lokic		2,500	33,600	489,300	1,739,150
		Autoservis Brlic		9,900	33,600	489,300	1,739,150
	Becka Topola	AISS 4		9,900	21,400	489,300	1,182,750
		Autoservis Vukovic		11,500	21,400	489,300	1,182,750
	Karjiza	AS Haezic		11,300	11,300	489,300	607,550
	Kikinda	Autoservis Domovic		14,550	27,250	489,300	273,600
		AS Reingarja		12,700	27,250	489,300	273,600
	Kula	Autoservis Radosavic		17,500	40,800	489,300	1,224,150
		AISS 5		22,500	40,800	489,300	1,224,150
		NS AUTO 1		21,200	100,650	489,300	1,361,400
		NS AUTO 2		2,500	100,650	489,300	1,361,400
	Novi Sad	Autoservis Milanovic		38,050	100,650	489,300	1,361,400
		Autoservis Pera		28,000	100,650	489,300	1,361,400
		Autoservis Senic		9,900	100,650	489,300	1,361,400
	Senta	AISS 16		22,550	22,550	489,300	582,000
		AISS 7		12,850	74,400	489,300	3,685,150
		AISS 8		22,500	74,400	489,300	3,685,150
		AS Matkovic		12,850	74,400	489,300	3,685,150
	Sombor	AS Ralic		8,200	74,400	489,300	3,685,150
		Autoservis Bursac		2,500	74,400	489,300	3,685,150
		AISS 9		17,500	74,400	489,300	3,685,150
		AISS 6		12,850	55,550	489,300	2,849,500
		Autoservis Lomis		8,200	55,550	489,300	2,849,500
		Autoservis Radic		11,500	55,550	489,300	2,849,500
	Vrbas	Autoservis Kolar		2,500	55,550	489,300	2,849,500
		Autoservis Dobrid		22,500	55,550	489,300	2,849,500

Execution complete

Execution Time: 00:00:01 Rows: 308 Columns: 4 Local Template: Standard

10:29 PM 5/17/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping) –scroll prethodnog izveštaja

New Report

File Edit View Insert Format Data Grid Layout Window Help

Save and Close Corporate

UkVrPrenje - Values Arial 8 Western

Report objects Report details

Name

Ekspozitura

GodinaKvarta

GodinaMesec

GodinaSklop

OpstinaEkspo

UkVrPrenje

UkVrPrenje

UkVrPrenje

UkVrPrenje

2006-1

Parametar	Autoservis Dzelavio	AS Radmilja	Autoservis Radosevic	AMSS 5	NS AUTO 1	NS AUTO 2	Autoservis Blazovic	Autoservis Pera	Autoservis Genc	AMSS 10	AMSS 7	AMSS 8	AS Matkovic	AS Rakovic	Autoservis Bertas	AMSS 9	AMSS 6	Autoservis Lamas	Autoservis Radic	Autoservis Komer	Autoservis Dabrid	AMSS 11	AMSS 12	Autoservis Blazovic	AMSS 3	Autoservis Loko	Autoservis Brtic	AMSS 4	Autoservis Vukovic	AS Hadzic
Kikinda	14,550	27,250	40,000	40,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Kula	17,500	40,000	40,000	40,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Movl Sad	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Berka	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Sombor	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Vrbas	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Zrenjanin	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Backa Palanka	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Backa Topola	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700
Kanjiza	38,050	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	22,550	12,050	22,500	12,050	8,200	2,500	17,500	12,050	8,200	11,500	2,500	22,500	12,700	9,900	2,500	9,900	9,900	9,900	11,300	9,900	12,700

Execution complete Execution Time: 00:00:01 Rows: 500 Columns: 4 Local Template Standard 12:31 PM 5/11/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping)

New Report

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects Report details

Name

- Ekspozitura
- GodinaKvarta
- GodinaSklope
- OpstinaEkspo
- UKVrPremije
- UKVrPremije
- UKVrPremije

GodinaKvarta	Sklop	Polise	OpstinaEkspozitura	Ekspozitura	Metrics	UKVrPremije-Rep	UKVrPremije-Rep-OpstinaExp	UKVrPremije-Rep-OpstinaExpGroupNone	UKVrPremije-OpstinaExp
2004-I	Becka Palanka			Autoservis Bilacovic		12,400	109,688	1,157,250	1,739,150
				ARSS 2		21,200	109,688	1,157,250	1,739,150
				Autoservis Lukic		35,000	109,688	1,157,250	1,739,150
				Autoservis Brlec		41,000	109,688	1,157,250	1,739,150
	Becka Topola			ARSS 4		42,400	99,250	1,157,250	1,182,750
				Autoservis Vukovic		45,650	88,250	1,157,250	1,182,750
	Kanjiza			AS Hajdick		36,700	38,788	1,157,250	687,650
	Kikinda			Autoservis Dolevski		17,050	39,650	1,157,250	273,600
				AS Kicmarija		22,600	39,650	1,157,250	273,600
	Kula			Autoservis Radicevic		92,150	133,250	1,157,250	1,224,150
				ARSS 5		41,100	133,250	1,157,250	1,224,150
				NS AUTO 1		21,200	150,950	1,157,250	1,381,400
				NS AUTO 2		17,050	150,950	1,157,250	1,381,400
	Novi Sad			Autoservis Bilanovic		48,950	150,950	1,157,250	1,381,400
				Autoservis Porc		36,300	150,950	1,157,250	1,381,400
				Autoservis Senc		24,450	150,950	1,157,250	1,381,400
				ARSS 18		47,000	47,888	1,157,250	582,000
	Senta			ARSS 7		35,600	209,750	1,157,250	3,685,150
				ARSS 8		48,000	209,750	1,157,250	3,685,150
				AS Halkovic		26,850	209,750	1,157,250	3,685,150
				AS Rakvic		38,800	209,750	1,157,250	3,685,150
	Sombor			Autoservis Bertica		38,200	209,750	1,157,250	3,685,150
				ARSS 9		37,300	209,750	1,157,250	3,685,150
				ARSS 6		51,600	295,550	1,157,250	2,849,500
				Autoservis Lomcs		47,700	295,550	1,157,250	2,849,500
	Vrbas			Autoservis Radic		106,150	295,550	1,157,250	2,849,500
				Autoservis Kozar		24,800	295,550	1,157,250	2,849,500
				Autoservis Dabick		84,800	295,550	1,157,250	2,849,500

Execution complete

Execution Time 00:00:01 Rows: 236 Columns: 4 Local Template: Standard

Složene metrike/mere

Komponenta mere – **NIVO** – parametar - Grupisanje (Grouping) –scroll prethodnog izveštaja

New Report

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate Arial 8 Western \$ %

Report objects Report details

Name

Ekspozitura
GodinaKvarta
GodinaSklope
OpstinaEkspoz
UkVrPremije
UkVrPremije
UkVrPremije

2006-1	Backa Topola	Autoservis Lukic	35,000	109,888	1,157,250	1,728,150
		Autoservis Sbric	41,000	109,888	1,157,250	1,728,150
		ARSS 4	42,400	88,258	1,157,250	1,182,750
		Autoservis Vukovic	45,850	88,258	1,157,250	1,182,750
	Karpeza	AS Hadzic	36,700	36,700	1,157,250	887,550
	Kikinda	Autoservis Ozkovic	17,050	39,668	1,157,250	273,600
		AS Nalmanja	22,600	39,668	1,157,250	273,600
	Kula	Autoservis Radosevic	82,150	133,258	1,157,250	1,224,150
		ARSS 5	41,100	133,258	1,157,250	1,224,150
		NS AUTO 1	21,200	150,958	1,157,250	1,381,400
		NS AUTO 2	17,050	150,958	1,157,250	1,381,400
	Novi Sad	Autoservis Milanovic	48,950	150,958	1,157,250	1,381,400
		Autoservis Para	39,300	150,958	1,157,250	1,381,400
		Autoservis Sincic	24,450	150,958	1,157,250	1,381,400
	Senta	ARSS 10	47,000	47,000	1,157,250	582,000
		ARSS 7	35,600	209,758	1,157,250	3,685,150
		ARSS 8	48,000	209,758	1,157,250	3,685,150
	Sombor	AS Milanovic	26,850	209,758	1,157,250	3,685,150
		AS Rakvic	39,800	209,758	1,157,250	3,685,150
		Autoservis Barbas	36,200	209,758	1,157,250	3,685,150
		ARSS 9	37,300	209,758	1,157,250	3,685,150
		ARSS 6	51,600	295,858	1,157,250	2,849,500
		Autoservis Lamac	47,700	295,858	1,157,250	2,849,500
	Vrbas	Autoservis Radic	188,150	295,858	1,157,250	2,849,500
		Autoservis Komar	24,800	295,858	1,157,250	2,849,500
		Autoservis Glinki	64,800	295,858	1,157,250	2,849,500
	Zrenjanin	ARSS 11	27,250	47,858	1,157,250	421,700
		ARSS 12	19,800	47,858	1,157,250	421,700
	Backa Palanka	Autoservis Milanovic	12,050	213,958	2,134,250	1,728,150
		ARSS 3	8,200	213,958	2,134,250	1,728,150

Execution complete Execution Time: 00:00:01 Rows: 236 Columns: 4 Local Template Standard

12:38 PM 5/17/2017



Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

Parametar Filtriranje određuje ponašanje mere (način njenog računanja) **u odnosu na filter definisan u izveštaju (report filter)**.

Razlikujemo 4 opcije filtriranja:

- ❖ Standard
- ❖ Absolute – Podiže nivo filtriranja na nivo ciljnog (target) atributa
- ❖ Ignore – Potpuno ignoriše svaki uslov filtriranja iz izveštaja
- ❖ None – Izračunavanje mere zavisi od tabele činjenica

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

Metrix Desktop

UkVipremije-Rep-OpstinaExp - Metric Editor

Object Browser

Metric: **UkVipremije-Rep-OpstinaExp** is defined as:

- Sum([Iznos Premije]([ReportLevel, OpstinaEkspozitura])
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspozitura
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)		
Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspozitura	standard	standard

Metrix Desktop

UkVipremije-Rep-OpstinaExp-Filt-Abs - Metric Editor

Object Browser

Metric: **UkVipremije-Rep-OpstinaExp-Filt-Abs** is defined as:

- Sum([Iznos Premije]([ReportLevel, OpstinaEkspozitura])
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspozitura
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)		
Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspozitura	absolute	standard

Metrix Desktop

UkVipremije-Rep-OpstinaExp-Filt-Ignore - Metric Editor

Object Browser

Metric: **UkVipremije-Rep-OpstinaExp-Filt-Ignore** is defined as:

- Sum([Iznos Premije]([ReportLevel, OpstinaEkspozitura])
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspozitura
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)		
Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspozitura	ignore	standard

Metrix Desktop

UkVipremije-Rep-OpstinaExp-Filt-None - Metric Editor

Object Browser

Metric: **UkVipremije-Rep-OpstinaExp-Filt-None** is defined as:

- Sum([Iznos Premije]([ReportLevel, OpstinaEkspozitura])
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel, OpstinaEkspozitura
- Condition = (nothing)
- Transformation = (nothing)

Level (Dimensionality)		
Target	Filtering	Grouping
Report Level	standard	standard
OpstinaEkspozitura	None	standard

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

New Report-FiltriranjeOpstinaProblematika

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows: Values Arial 8 Western

Report objects

Report details

Report Filter: MestoEkspozure (mestoExpz) = "Novi Sad"

GodinaSkapanjaPolise	MestoEkspozure	OpstinaEkspozure	MestoEkspozure	Metrike	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExp-Filt-Abs	UkVrPr
2006	januar	Novi Sad	Novi Sad		76,950	100,650	
	februar	Novi Sad	Novi Sad		76,950	100,650	
	mart	Novi Sad	Novi Sad		35,750	58,300	
	april	Novi Sad	Novi Sad		35,750	58,300	
	maj	Novi Sad	Novi Sad		62,500	132,350	
	juni	Novi Sad	Novi Sad		62,500	132,350	
	juli	Novi Sad	Novi Sad		92,500	136,300	
	avgust	Novi Sad	Novi Sad		92,500	136,300	
	septembar	Novi Sad	Novi Sad		32,500	47,700	
	oktobar	Novi Sad	Novi Sad		32,500	47,700	
	novembar	Novi Sad	Novi Sad		23,700	34,900	
	decembar	Novi Sad	Novi Sad		23,700	34,900	
2007	januar	Novi Sad	Novi Sad		24,850	36,300	
	februar	Novi Sad	Novi Sad		24,850	36,300	
	mart	Novi Sad	Novi Sad		48,850	101,450	
	april	Novi Sad	Novi Sad		48,850	101,450	
	maj	Novi Sad	Novi Sad		35,750	58,950	
	juni	Novi Sad	Novi Sad		35,750	58,950	
	juli	Novi Sad	Novi Sad		107,250	184,500	
	avgust	Novi Sad	Novi Sad		107,250	184,500	
	septembar	Novi Sad	Novi Sad		22,300	43,500	
	oktobar	Novi Sad	Novi Sad		22,300	43,500	
	novembar	Novi Sad	Novi Sad		25,100	33,500	
	decembar	Novi Sad	Novi Sad		25,100	33,500	

Execution complete

Execution Time: 00:00:01 Rows: 30 Columns: 4 Local Template: Standard

8:14 PM 5/10/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

New Report-FiltriranjeOpstinaProblematika

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects

Name

- GodinaSklopnjaPolise
 - godSkPol
- MesecUGodiniSklopnjaPolise
- MestoEkspoziture
 - mesecEkspoz
- OpstinaEkspoziture
 - OpstinaExp
 - UkVrPremije-Rep-OpstinaExp
 - UkVrPremije-Rep-OpstinaExp-Filt-Abs
 - UkVrPremije-Rep-OpstinaExp-Filt-Ignore
 - UkVrPremije-Rep-OpstinaExp-Filt-None

Report details

Report Filter:
MestoEkspoziture (mestoEkspoz) = "Novi Sad"

Metric	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExp-Filt-Abs	UkVrPremije-Rep-OpstinaExp-Filt-Ignore	UkVrPremije-Rep-OpstinaExp-Filt-None
MestoEkspoziture				
Novi Sad	76,950	100,650	100,650	76,950
Vatarnik	76,950	100,650	100,650	76,950
Novi Sad	35,750	50,300	50,300	35,750
Vatarnik	35,750	50,300	50,300	35,750
Novi Sad	62,550	132,350	132,350	62,550
Vatarnik	62,550	132,350	132,350	62,550
Novi Sad	92,500	136,300	136,300	92,500
Vatarnik	92,500	136,300	136,300	92,500
Novi Sad	32,500	47,700	47,700	32,500
Vatarnik	32,500	47,700	47,700	32,500
Novi Sad	23,700	94,900	94,900	23,700
Vatarnik	23,700	94,900	94,900	23,700
Novi Sad	24,850	36,300	36,300	24,850
Vatarnik	24,850	36,300	36,300	24,850
Novi Sad	48,850	101,450	101,450	48,850
Vatarnik	48,850	101,450	101,450	48,850
Novi Sad	35,750	50,650	50,650	35,750
Vatarnik	35,750	50,650	50,650	35,750
Novi Sad	107,250	194,500	194,500	107,250
Vatarnik	107,250	194,500	194,500	107,250
Novi Sad	22,300	43,500	43,500	22,300
Vatarnik	22,300	43,500	43,500	22,300
Novi Sad	25,100	93,500	93,500	25,100
Vatarnik	25,100	93,500	93,500	25,100
Novi Sad	52,850	77,050	77,050	52,850
Vatarnik	52,850	77,050	77,050	52,850
Novi Sad	52,850	81,850	81,850	52,850
Vatarnik	52,850	81,850	81,850	52,850

Execution complete

Execution Time: 00:00:01 Rows: 30 Columns: 4 Local Template: Standard

8:15 PM 5/19/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

New Report-FiltriranjeOpstinaProblematika

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows: 8 Values: Arial 8 Western

Report objects

- GodinaSklopavanjaPolise
 - godSkPol
- MesecUGodiniSklopavanjaPolise
 - MestoEkspozitura
 - MestoExpoz
 - OpstinaEkspozitura
 - OpstinaExp
 - UkVrPremije-Rep-OpstinaExp
 - UkVrPremije-Rep-OpstinaExp-Filt-Abs
 - UkVrPremije-Rep-OpstinaExp-Filt-Ignore
 - UkVrPremije-Rep-OpstinaExp-Filt-None

Report details

Report Filter:
MestoEkspozitura (MestoExpoz) = "Sombor"

MesecUGodiniSklopavanjaPolise	OpstinaEkspozitura	MestoEkspozitura	Metric1	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExp-Filt-Abs	UkVrPremije-Rep-OpstinaExp-Filt-None
januar	Sombor	Aleksa Santic	54,400		74,400	
		Sombor	54,400		74,400	
		Svetozar Miletic	54,400		74,400	
februar	Sombor	Aleksa Santic	39,800		73,500	
		Sombor	39,800		73,500	
		Svetozar Miletic	39,800		73,500	
mart	Sombor	Aleksa Santic	48,050		61,850	
		Sombor	48,050		61,850	
		Svetozar Miletic	48,050		61,850	
april	Sombor	Aleksa Santic	111,750		171,100	
		Sombor	111,750		171,100	
		Svetozar Miletic	111,750		171,100	
maj	Sombor	Aleksa Santic	249,750		335,100	
		Sombor	249,750		335,100	
		Svetozar Miletic	249,750		335,100	
jun	Sombor	Aleksa Santic	32,250		71,850	
		Sombor	32,250		71,850	
		Svetozar Miletic	32,250		71,850	
jul	Sombor	Aleksa Santic	58,900		76,300	
		Sombor	58,900		76,300	
		Svetozar Miletic	58,900		76,300	
avgust	Sombor	Aleksa Santic	322,350		446,800	
		Sombor	322,350		446,800	
		Svetozar Miletic	322,350		446,800	
septembar	Sombor	Aleksa Santic	75,600		136,800	
		Sombor	75,600		136,800	
		Svetozar Miletic	75,600		136,800	
		Aleksa Santic	74,400		97,800	

Execution complete

Execution Time: 00:00:01 Rows: 72 Columns: 4 Local Template Standard

8:43 PM 5/19/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering)

New Report-FiltriranjeOptinaProblematika

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects

Report details

Report Filter: MestoEkspozitura (mestoExpaz) = "Sombor"

Metric	UkVrPremije-Rep-OptinaExp	UkVrPremije-Rep-OptinaExp-Filt-Abx	UkVrPremije-Rep-OptinaExp-Filt-Ignoe	UkVrPremije-Rep-OptinaExp-Filt-None
MestoEkspozitura				
Aleksa Santic	54,488	74,400	74,488	54,400
Sombor	54,488	74,400	74,488	54,400
Svetozar Marko	54,488	74,400	74,488	54,400
Aleksa Santic	39,800	73,500	73,588	39,800
Sombor	39,800	73,500	73,588	39,800
Svetozar Marko	39,800	73,500	73,588	39,800
Aleksa Santic	48,050	61,850	61,858	48,050
Sombor	48,050	61,850	61,858	48,050
Svetozar Marko	48,050	61,850	61,858	48,050
Aleksa Santic	111,750	171,100	171,188	111,750
Sombor	111,750	171,100	171,188	111,750
Svetozar Marko	111,750	171,100	171,188	111,750
Aleksa Santic	249,750	335,100	335,188	249,750
Sombor	249,750	335,100	335,188	249,750
Svetozar Marko	249,750	335,100	335,188	249,750
Aleksa Santic	32,250	71,850	71,858	32,250
Sombor	32,250	71,850	71,858	32,250
Svetozar Marko	32,250	71,850	71,858	32,250
Aleksa Santic	50,900	76,300	76,388	50,900
Sombor	50,900	76,300	76,388	50,900
Svetozar Marko	50,900	76,300	76,388	50,900
Aleksa Santic	322,350	448,800	448,888	322,350
Sombor	322,350	448,800	448,888	322,350
Svetozar Marko	322,350	448,800	448,888	322,350
Aleksa Santic	75,600	136,800	136,888	75,600
Sombor	75,600	136,800	136,888	75,600
Svetozar Marko	75,600	136,800	136,888	75,600
Aleksa Santic	74,400	97,000	97,088	74,400

Execution complete

Execution Time 00:00:01 Rows 72 Columns 4 Local Template Standard

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering) –
kada nema lokalnog filtera

New Report-FiltriranjeOpstinaProblematika

File Edit View Insert Format Data Grid Layout Window Help

Save and Close Corporate Rows: 8 Values: Arial 8 Wiersham

Report objects

- GodinaSklopavanjaPolise
 - godSkPol
- MesecUGodiniSklopavanjaPolise
 - MestoEkspoziture
 - OpstinaEkspoziture
 - OpstinaExp
 - UKVrPremije-Rep-OpstinaExp
 - UKVrPremije-Rep-OpstinaExp-Filt-Abs
 - UKVrPremije-Rep-OpstinaExp-Filt-Ignore
 - UKVrPremije-Rep-OpstinaExp-Filt-None

Report details

Report Filter:
Empty Filter

GodinaSklopavanjaPolise	MesecUGodiniSklopavanjaPolise	OpstinaEkspoziture	MestoEkspoziture	Metriks	UKVrPremije-Rep-OpstinaExp	UKVrPremije-Rep-OpstinaExp-Filt-Abs	UKVrP
2017	Januar	Bocka Poljica	Bocka Poljica		33,600		33,600
		Calarevo	Calarevo		33,600		33,600
		Bocka Topola	Bocka Topola		21,400		21,400
		Kanjiza	Kanjiza		11,300		11,300
		Kikinda	Kikinda		27,250		27,250
		Kula	Kula		40,000		40,000
		Novi Sad	Novi Sad		100,650		100,650
		Valamik	Valamik		100,650		100,650
	Februar	Senja	Senja		22,550		22,550
		Aljaska Sanic	Aljaska Sanic		74,400		74,400
		Sombor	Sombor		74,400		74,400
		Svetozar Miletic	Svetozar Miletic		74,400		74,400
		Vibos	Vibos		55,550		55,550
		Zrenjanin	Zrenjanin		22,600		22,600
		Bocka Poljica	Bocka Poljica		32,200		32,200
		Calarevo	Calarevo		32,200		32,200
2018	Januar	Bocka Topola	Bocka Topola		21,200		21,200
		Kanjiza	Kanjiza		12,700		12,700
		Kikinda	Kikinda		12,400		12,400
		Kula	Kula		12,400		12,400
		Novi Sad	Novi Sad		50,300		50,300
		Valamik	Valamik		50,300		50,300
		Senja	Senja		9,900		9,900
		Aljaska Sanic	Aljaska Sanic		73,500		73,500
	Februar	Sombor	Sombor		73,500		73,500
		Svetozar Miletic	Svetozar Miletic		73,500		73,500
		Vibos	Vibos		107,450		107,450
		Zrenjanin	Zrenjanin		14,500		14,500

Execution complete

Execution Time: 00:00:01 Rows: 292 Columns: 4 Local Template: Standard

8:39 PM 5/10/2017

Složene metrike/mere

Komponenta mere – **NIVO** – parametar – Filtriranje (Filtering) –
kada nema lokalnog filtera

New Report-FiltriranjeOpstinaProblematika

File Edit View Insert Format Data Grid Move Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects

Name

- GodinaSklopjanjaPolise
 - godsklop
- MesecUGodiniSklopjanjaPolise
 - mesec
- MestoEkspozitura
 - mesoExp
- OpstinaEkspozitura
 - OpstinaExp
 - UkVrPremije-Rep-OpstinaExp
 - UkVrPremije-Rep-OpstinaExp-Filt-Abs
 - UkVrPremije-Rep-OpstinaExp-Filt-Ignore
 - UkVrPremije-Rep-OpstinaExp-Filt-None

Report details

Metrica	UkVrPremije-Rep-OpstinaExp	UkVrPremije-Rep-OpstinaExp-Filt-Abs	UkVrPremije-Rep-OpstinaExp-Filt-Ignore	UkVrPremije-Rep-OpstinaExp-Filt-None
MestoEkspozitura				
Becka Palanka	33,600	33,600	33,600	33,600
Celarevi	33,600	33,600	33,600	33,600
Becka Topola	21,400	21,400	21,400	21,400
Kanjiša	11,300	11,300	11,300	11,300
Kikinda	27,250	27,250	27,250	27,250
Kula	40,800	40,800	40,800	40,800
Novi Sad	100,650	100,650	100,650	100,650
Veternik	100,650	100,650	100,650	100,650
Coka	22,550	22,550	22,550	22,550
Alibonja Selo	74,400	74,400	74,400	74,400
Sombor	74,400	74,400	74,400	74,400
Svetozar Mesto	74,400	74,400	74,400	74,400
Vrbas	55,550	55,550	55,550	55,550
Zrenjevo	22,600	22,600	22,600	22,600
Becka Palanka	32,200	32,200	32,200	32,200
Celarevi	32,200	32,200	32,200	32,200
Becka Topola	21,200	21,200	21,200	21,200
Kanjiša	12,700	12,700	12,700	12,700
Kikinda	12,400	12,400	12,400	12,400
Kula	12,400	12,400	12,400	12,400
Novi Sad	50,300	50,300	50,300	50,300
Veternik	50,300	50,300	50,300	50,300
Coka	9,900	9,900	9,900	9,900
Alibonja Selo	73,500	73,500	73,500	73,500
Sombor	73,500	73,500	73,500	73,500
Svetozar Mesto	73,500	73,500	73,500	73,500
Vrbas	107,450	107,450	107,450	107,450
Zrenjevo	14,550	14,550	14,550	14,550

Execution complete Execution Time: 00:00:01 Rows: 202 Columns: 4 Local Template Standard

8:48 PM 5/19/2017



Složene metrike/mere

Komponente mera – **USLOV**

- ❖ Neobavezna komponenta
- ❖ Definisanje uslova za neku meru znači da će se mera uvek izračunavati na osnovu podataka koji zadovoljavaju njen filter bez obzira na eventualne uslove definisane nad atributima iz iste hijerarhije u filteru reporta.



Složene metrike/mere

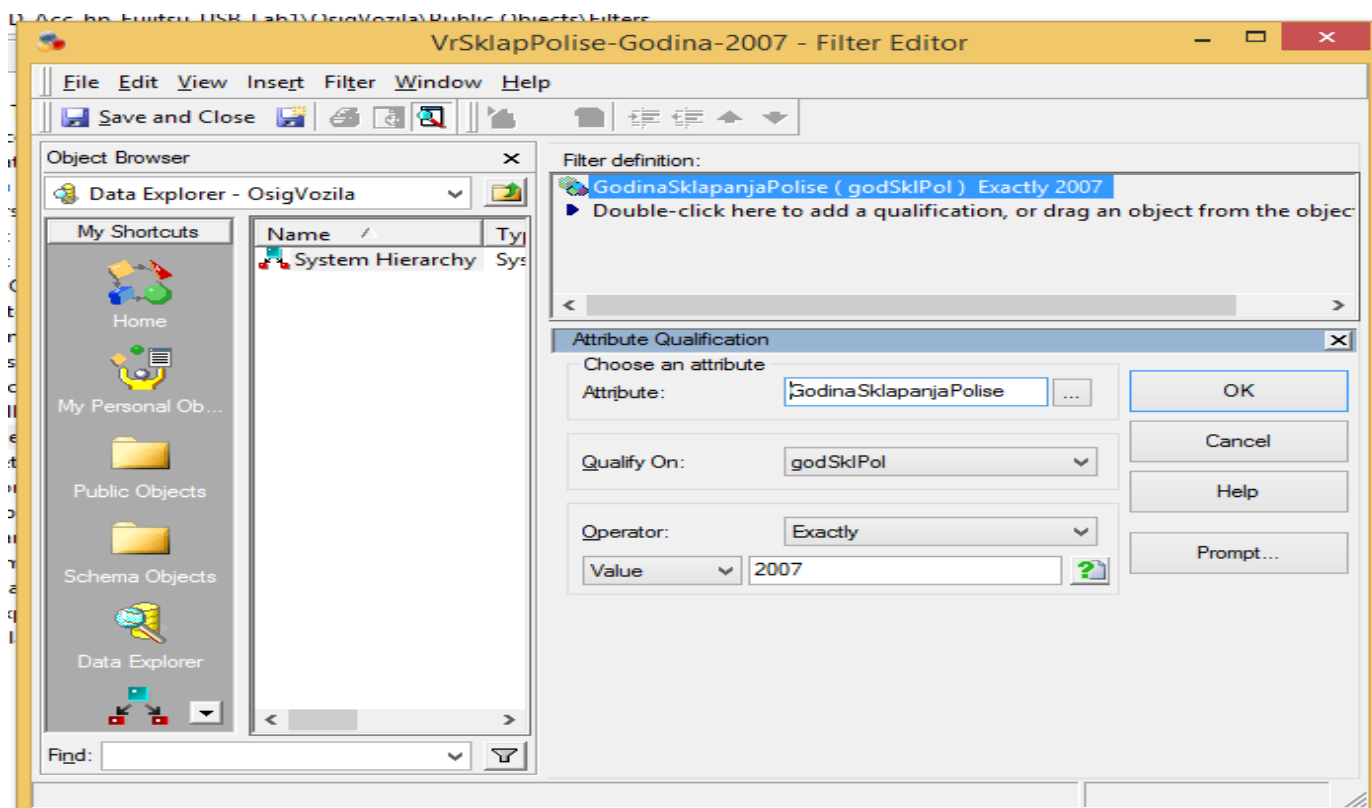
Komponenta mere – USLOV

- 1. Stvara se filter objekat**
- 2. Taj filter objekat se ugrađuje u Condition metrike**
- 3. Metrika se zatim koristi u izveštajima**

Složene metrike/mere

Komponenta mere – **USLOV**

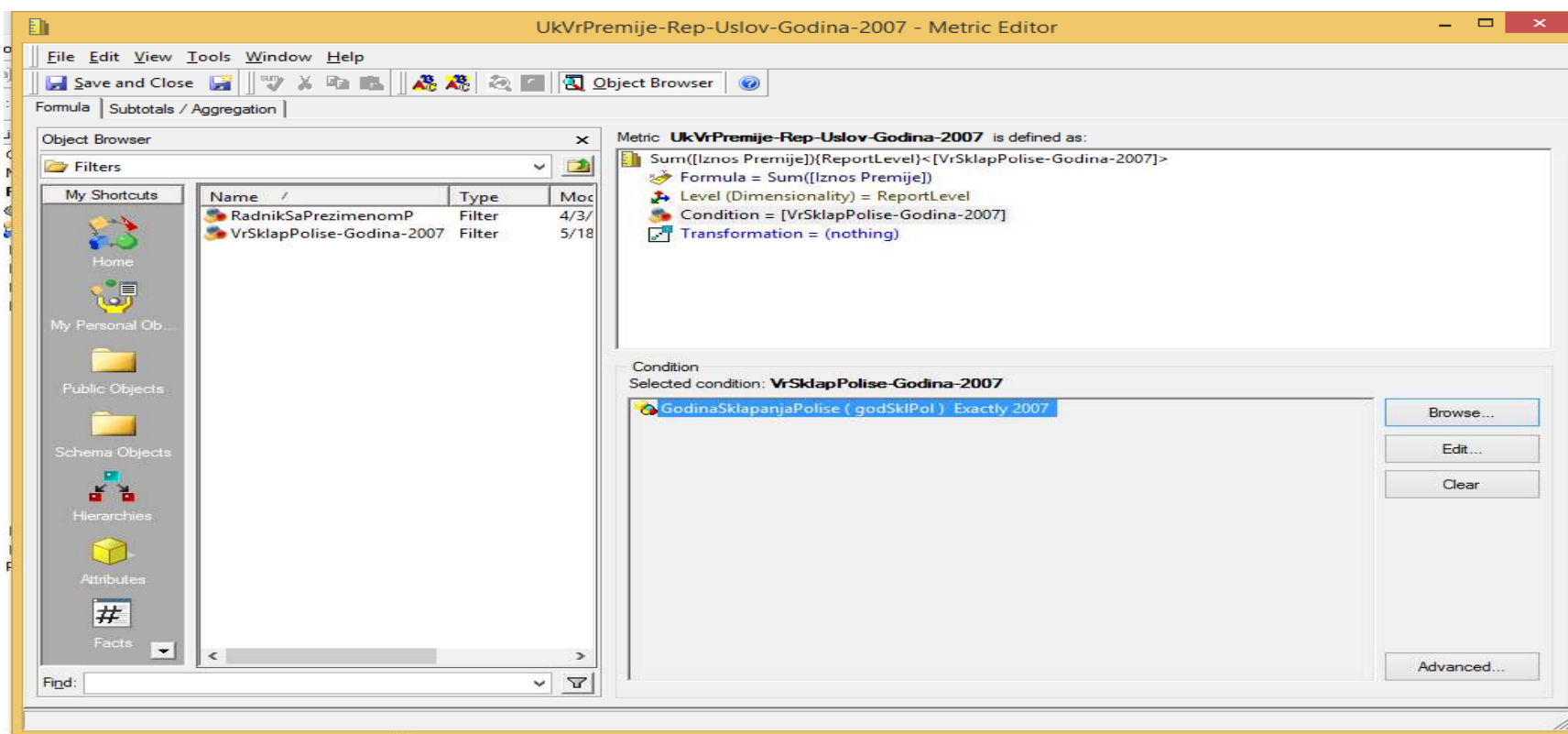
1. Stvara se filter objekat



Složene metrike/mere

Komponenta mere – **USLOV**

2. Taj filter objekat se ugrađuje u Condition metrike



Složene metrike/mere

Komponenta mere – **USLOV**

3. Metrika se zatim koristi u izveštajima

UkVrPremije-Rep - Metric Editor

Object Browser

Metric **UkVrPremije-Rep** is defined as:

- Sum([Iznos Premije]){ReportLevel}
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition

Name: UkVrPremije-Rep

() + - * / f(x)

Sum([Iznos Premije]) {~+}

emije-Rep-Uslov-Godina-2007 - Metric Editor

Object Browser

Metric **UkVrPremije-Rep-Uslov-Godina-2007** is defined as:

- Sum([Iznos Premije]){ReportLevel}<[VrSklopPolise-Godina-2007]>
- Formula = Sum([Iznos Premije])
- Level (Dimensionality) = ReportLevel
- Condition = [VrSklopPolise-Godina-2007]
- Transformation = (nothing)

Definition

Name: UkVrPremije-Rep-Uslov-Godina-2007

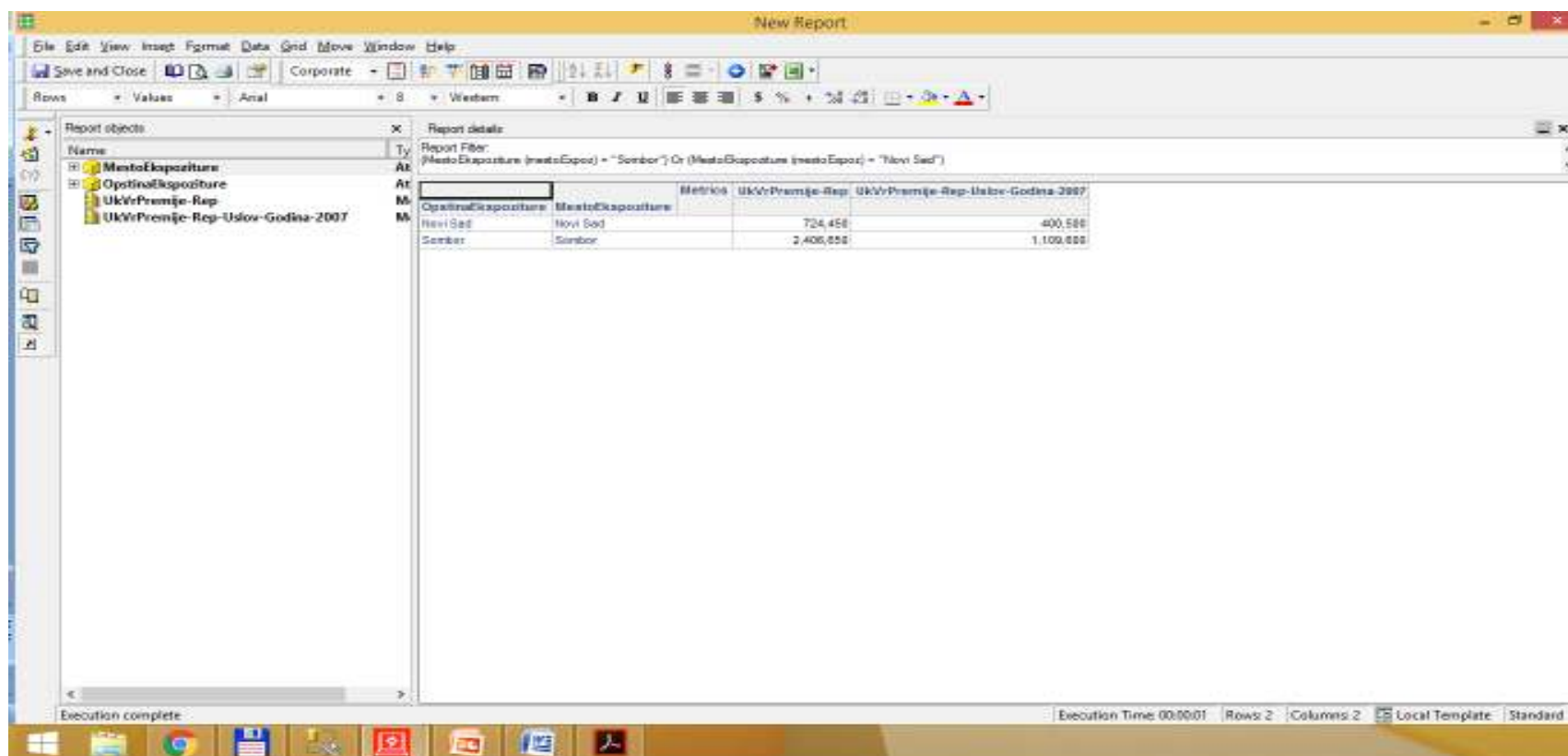
() + - * / f(x)

Sum([Iznos Premije]) {~+} <[VrSklopPolise-Godina-2007]; @2; ->

Složene metrike/mere

Komponenta mere – **USLOV**

3. Metrika se zatim koristi u izveštajima



The screenshot shows a 'New Report' window with a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help) and a toolbar. The 'Report objects' pane on the left lists several objects: MestoEkspozitura, OpstinaEkspozitura, UKVrPremije-Rep, and UKVrPremije-Rep-Uслов-Godina-2007. The 'Report details' pane on the right shows a report filter: (MestoEkspozitura (mestoExpoc) = 'Sombor') Or (MestoEkspozitura (mestoExpoc) = 'Novi Sad'). Below the filter is a table with the following data:

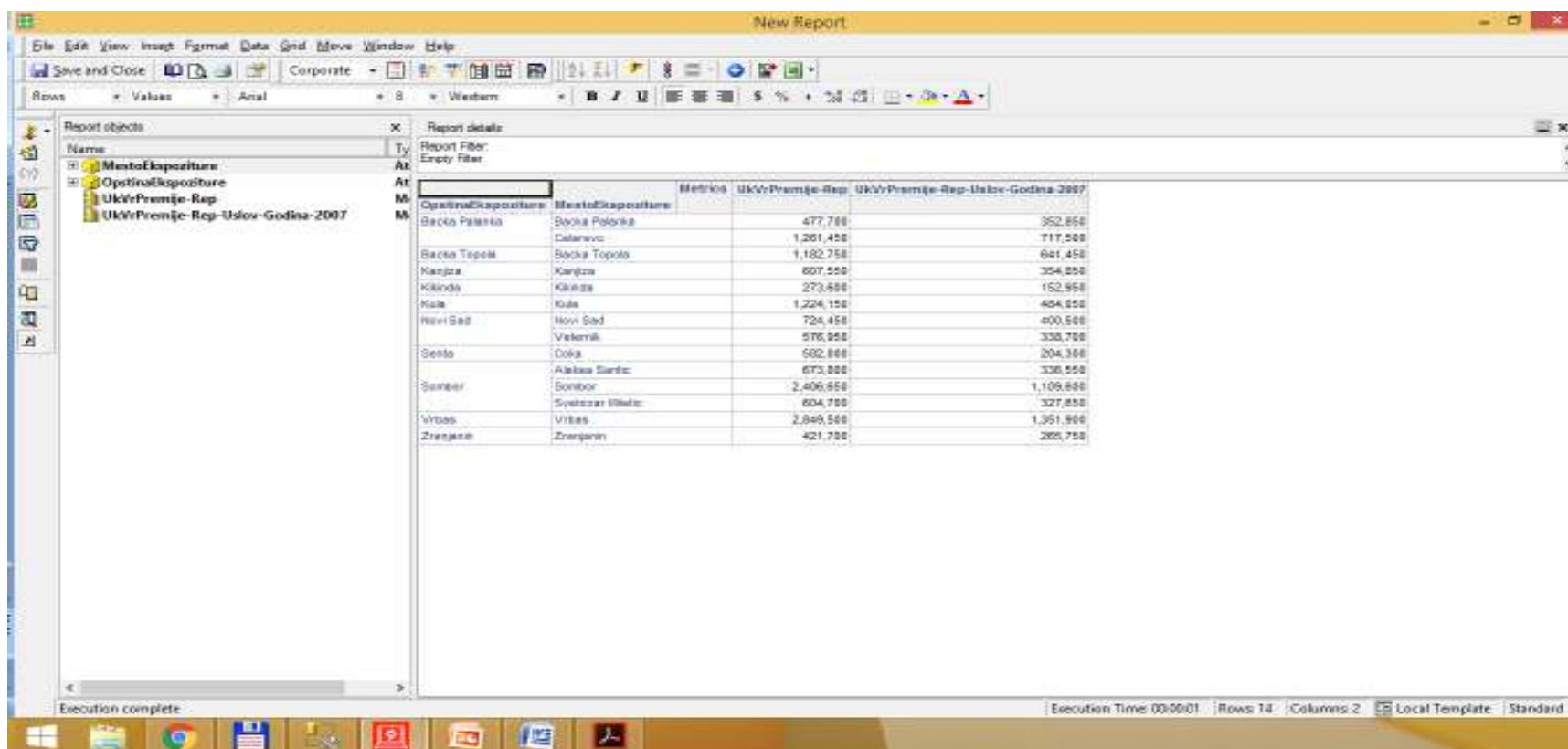
	Metric	UKVrPremije-Rep	UKVrPremije-Rep-Uслов-Godina-2007
OpstinaEkspozitura	MestoEkspozitura		
Novi Sad	Novi Sad	724,458	400,588
Sombor	Sombor	2,406,858	1,109,888

The status bar at the bottom indicates 'Execution complete', 'Execution Time: 00:00:01', 'Rows: 2', 'Columns: 2', 'Local Template', and 'Standard'.

Složene metrike/mere

Komponenta mere – **USLOV**

3. Metrika se zatim koristi u izveštajima-a bez lokalnog filtera



OpštinaEkspozitura	Metrika	UKVrPremije-Rep	UKVrPremije-Rep-Uslov-Godina-2007
Bečej Palanka	477,788		352,858
Daruvac	1,261,458		717,588
Bačka Topola	1,182,758		641,458
Kanjiža	807,558		354,858
Kikinda	273,888		152,958
Kula	1,224,158		454,858
Novi Sad	724,458		400,558
Vukovar	576,858		338,708
Senta	582,888		204,388
Alibon Senta	673,888		338,558
Sombor	2,406,858		1,109,888
Sremski Mitrovac	604,758		327,858
Vukovar	2,849,558		1,351,888
Zrenjevin	421,788		285,758



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

- ❖ Neobavezna komponenta
- ❖ Transformacione mere se najčešće koriste za poređenje vrednosti različitih vremenskih perioda – na primer ova godina u odnosu na prethodnu, ovaj kvartal u odnosu na isti kvartal prethodne godine.
- ❖ Transformacione mere (mere koje sadrže transformacije) se definišu navođenjem transformacija koje treba vršiti pri njenom računanju.
- ❖ Transformacije kao objekti šeme
 - ❑ Transformacije su objekti šeme kojima se definiše kako treba vršiti transformaciju neke vrednosti atributa u njenu transformisanu vrednost.
 - ❑ Transformacije se mogu definisati pomoću izraza ~~ili odgovarajućih transformacionih tabela.~~



Složene metrike/mere

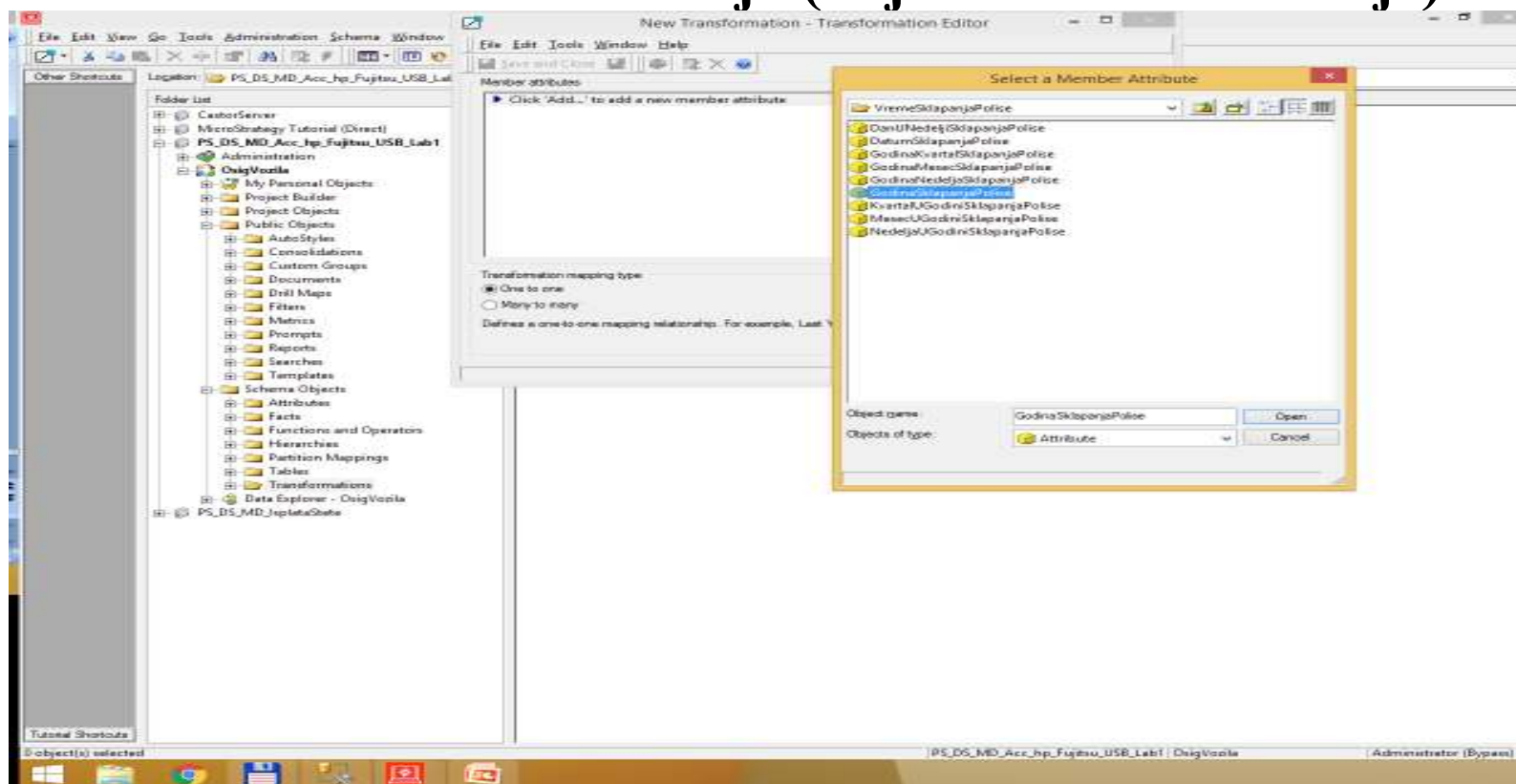
Komponente mera – **TRANSFORMACIJE**

1. Definiše se transformacija (objekat transformacije)
2. Objekat transformacije se uključuje u metriku
3. Stvara se nova metrika sa odnosom metrika (indeks rasta-običan)
4. Stvara se nova metrika sa odnosom metrika u procentima
5. Generiše se izveštaj pomoću transformacionih metrika

Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

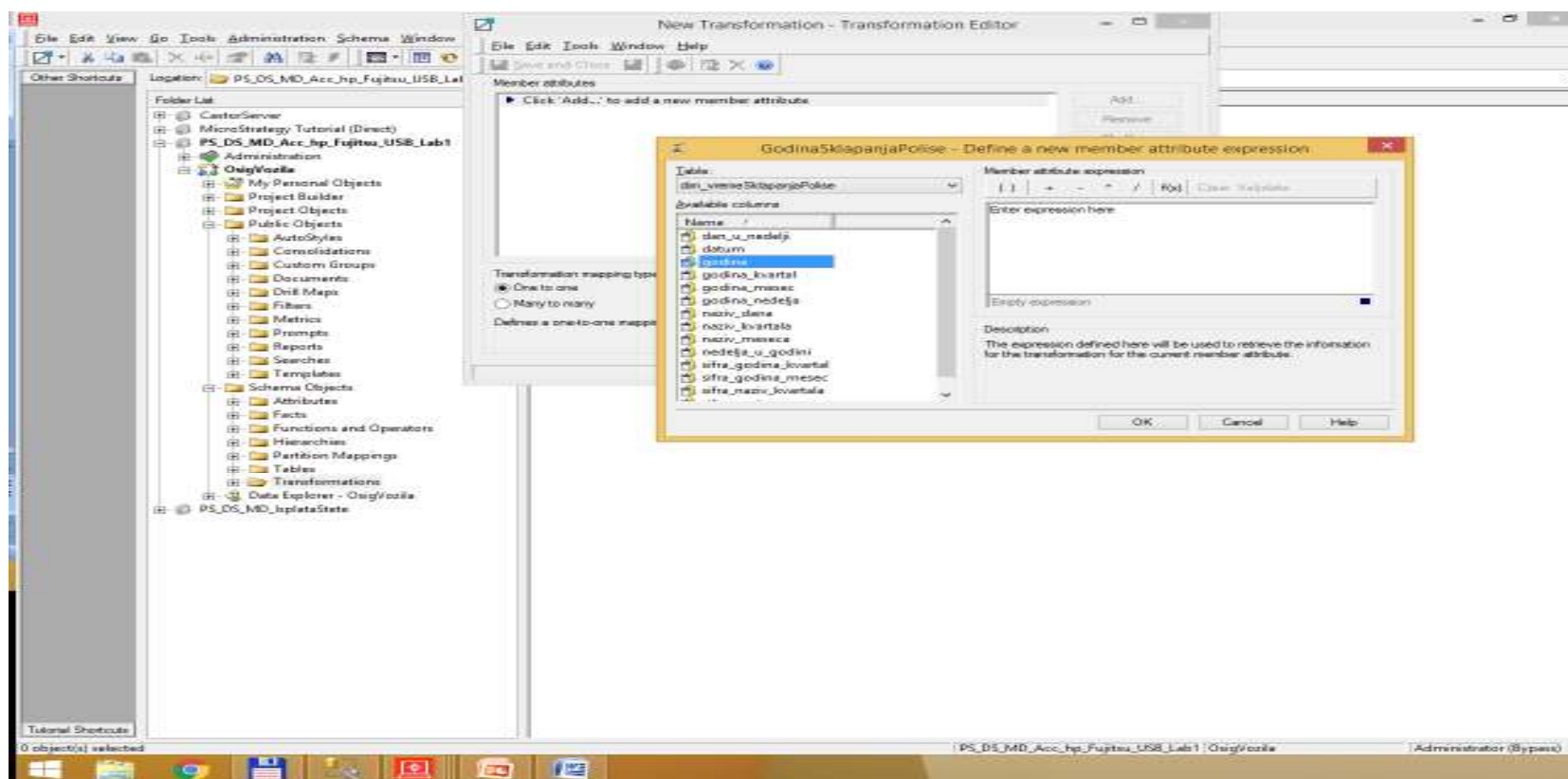
1. Definiše se transformacija (objekat transformacije)



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

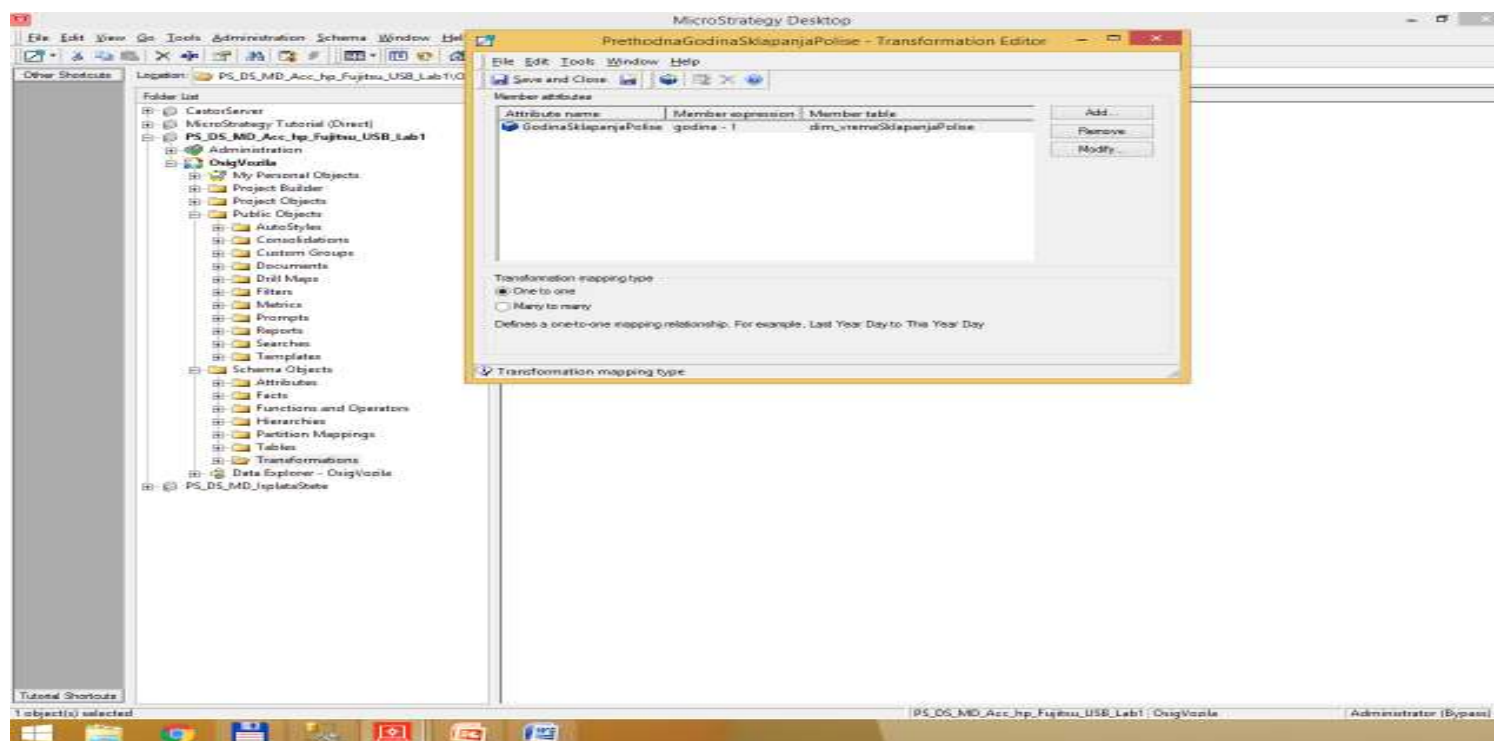
1. Definiše se transformacija (objekat transformacije)



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

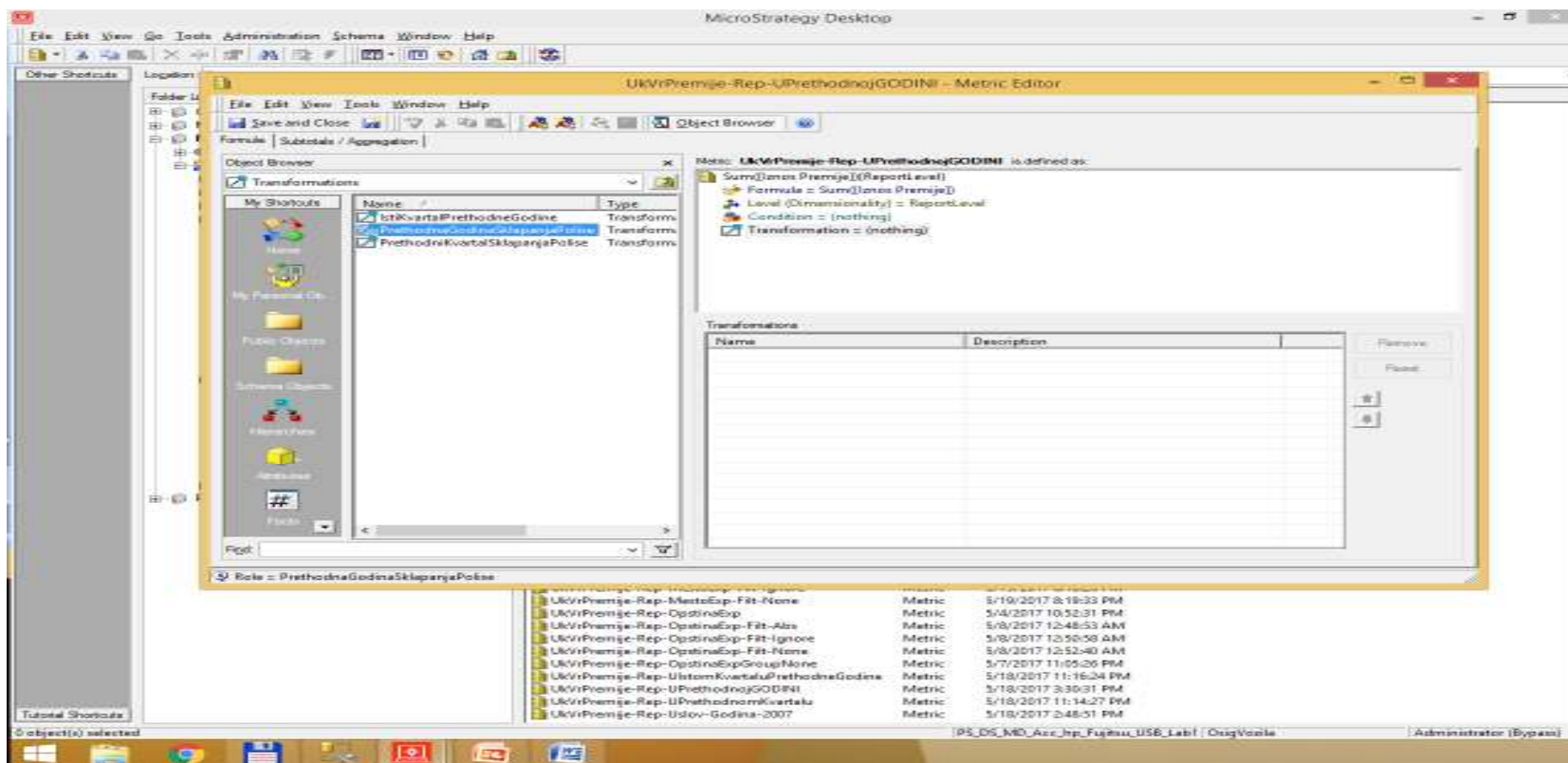
1. Definiše se transformacija (objekat transformacije)



Složene metrike/mere

Komponente mera – TRANSFORMACIJE

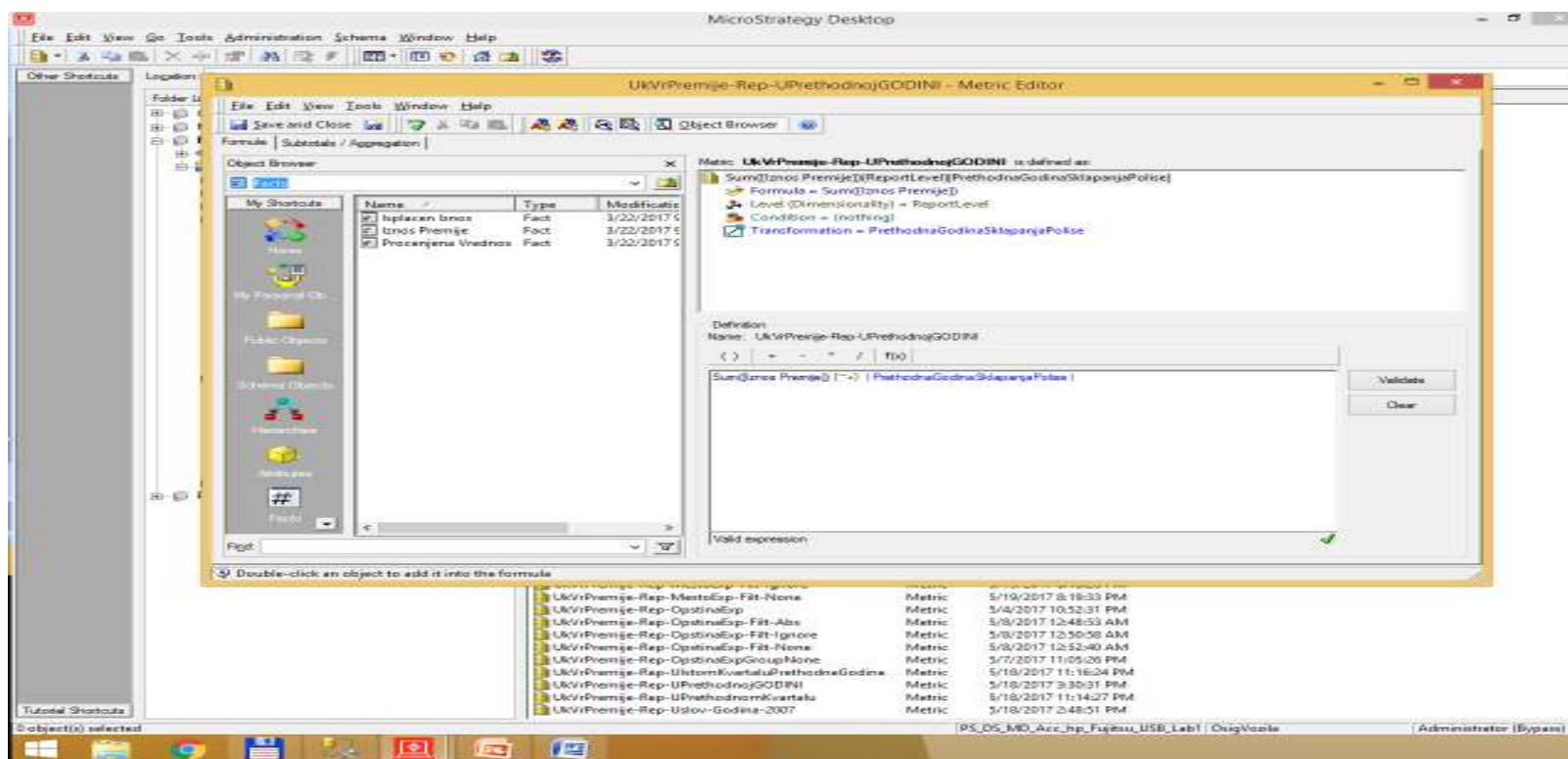
2. Objekat transformacije se uključuje u metriku



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

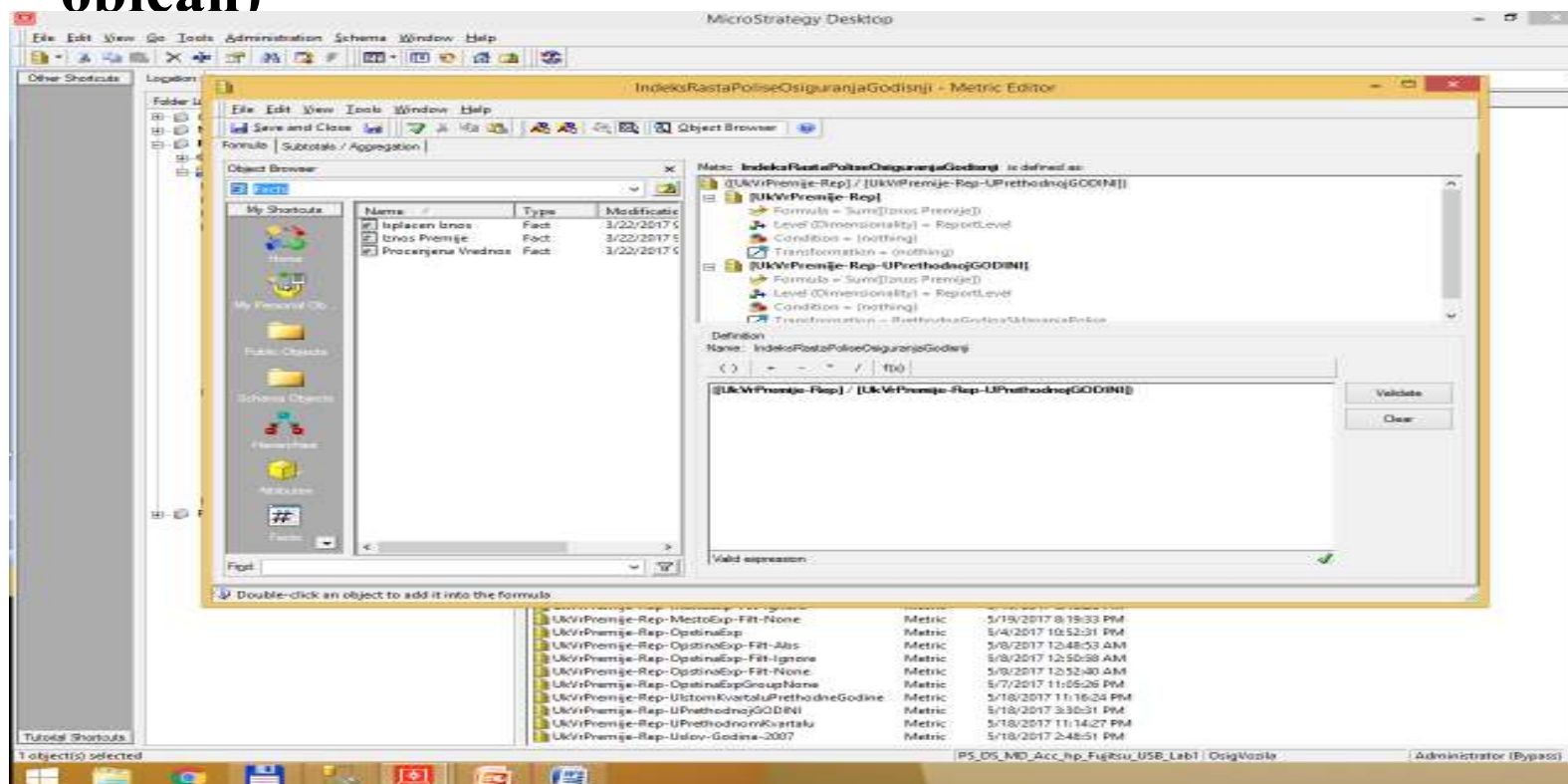
2. Objekat transformacije se uključuje u metriku



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

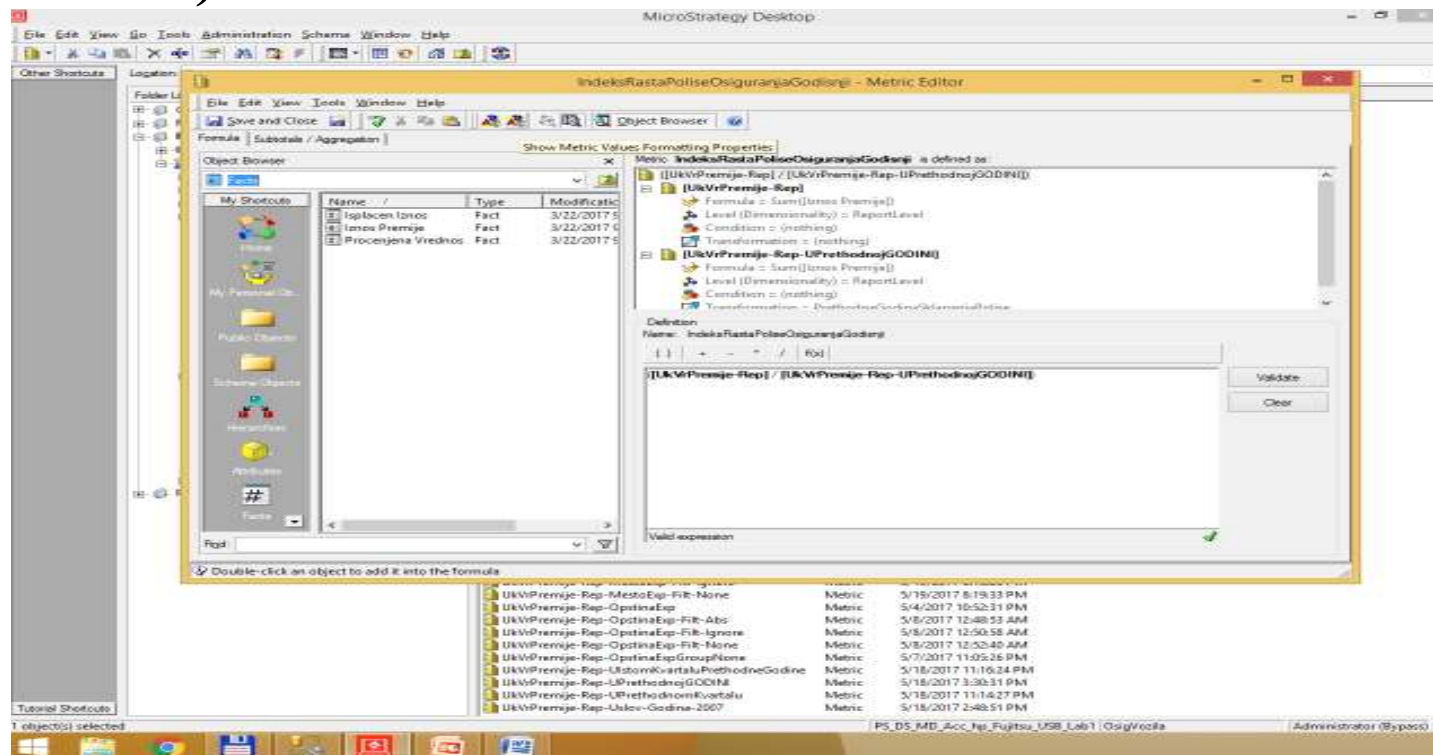
3. Stvara se nova metrika sa odnosom metrika (indeks rasta-običan)



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

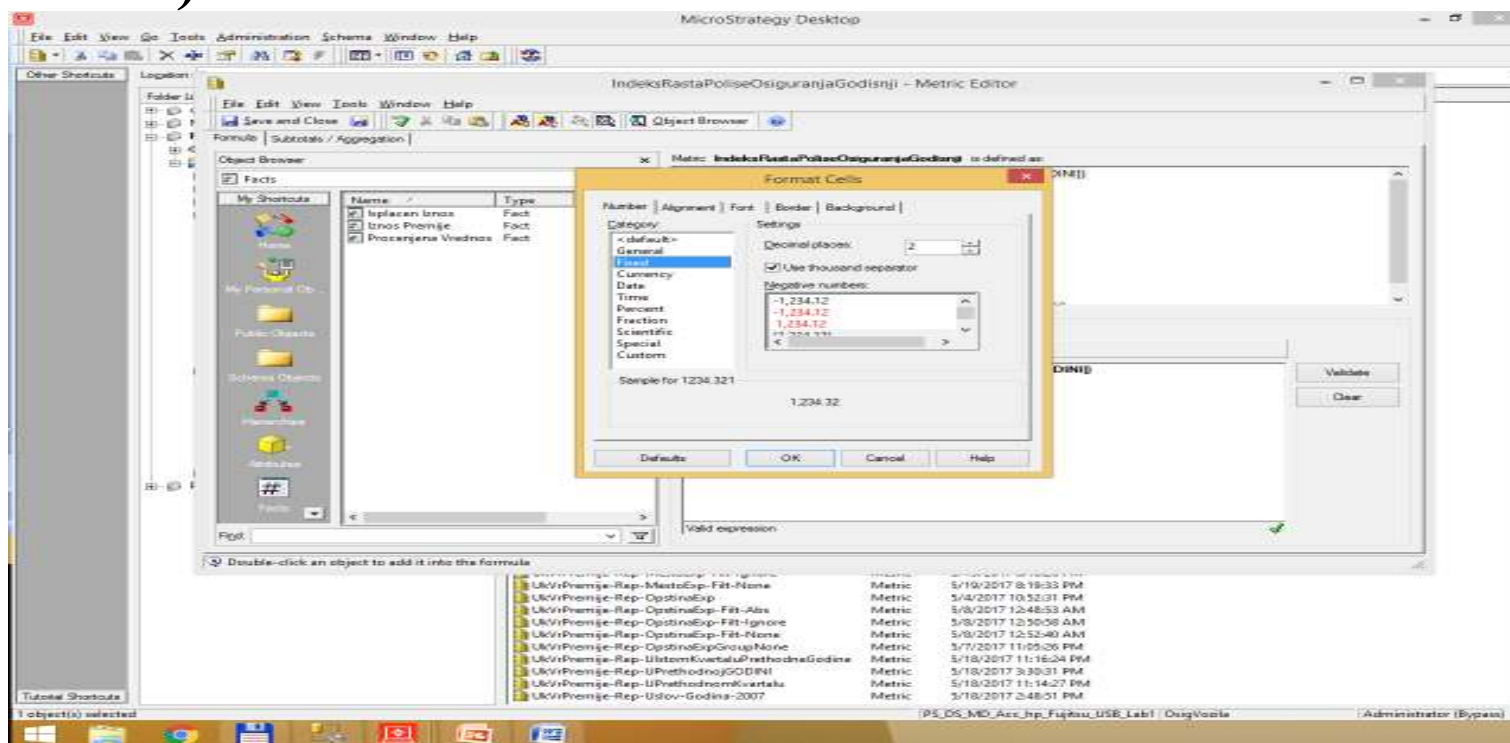
3. Stvara se nova metrika sa odnosom metrika (indeks rasta-običan)



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

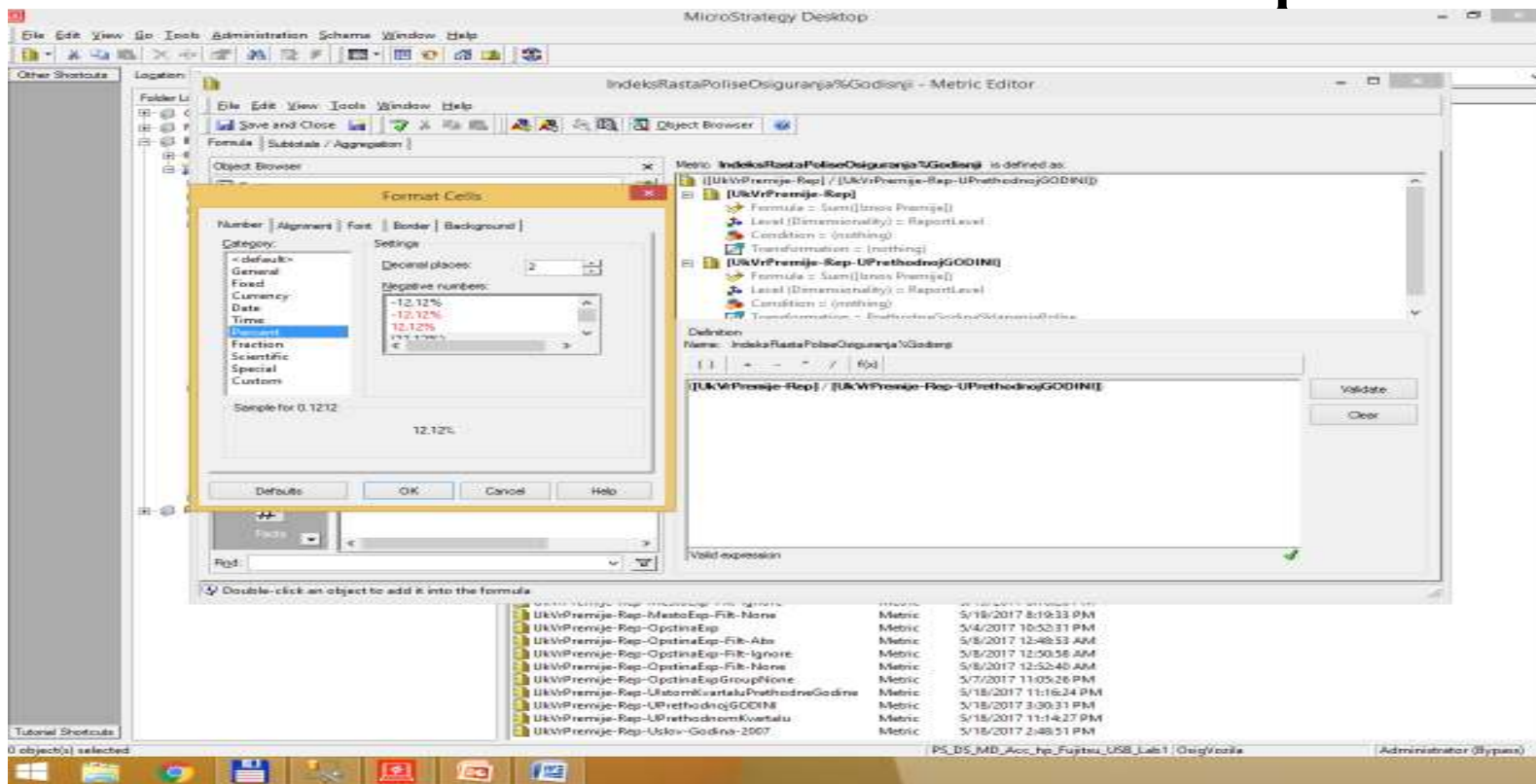
3. Stvara se nova metrika sa odnosom metrika (indeks rasta-običan)



Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

4. Stvara se nova metrika sa odnosom metrika u procentima

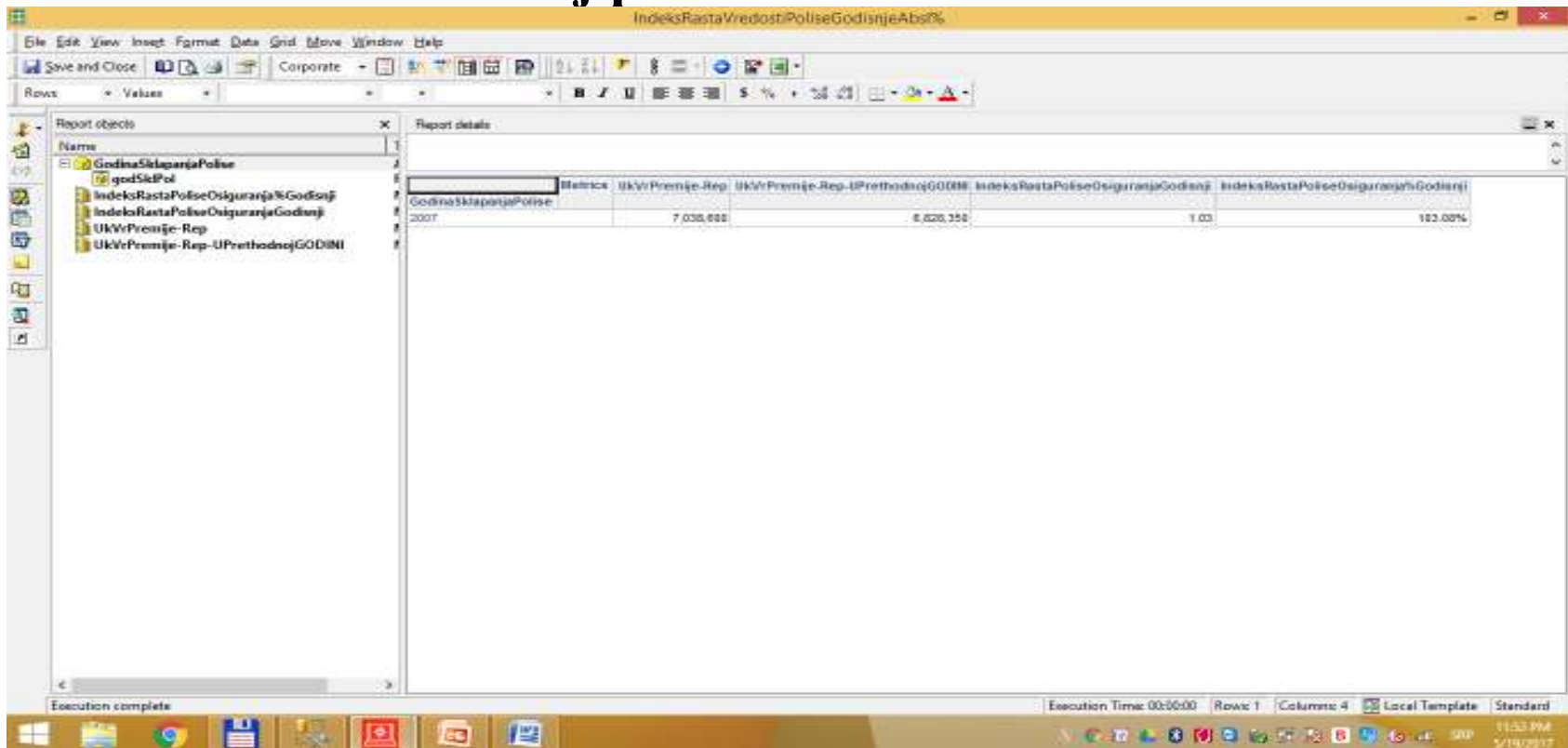


The screenshot displays the MicroStrategy Desktop interface. The main window is the 'Metric Editor' for a metric named 'IndeksRastaPoliseOsiguranja%Godisnji'. The metric is defined as the ratio of 'UKVPremije-Rep' to 'UKVPremije-Rep-UPrethodnojGODINI'. The 'Format Cells' dialog is open, showing the 'Number' tab with 'Decimals' set to 2 and 'Negative numbers' set to '-12.12%'. The 'Definition' section shows the formula:
$$\frac{[UKVPremije-Rep]}{[UKVPremije-Rep-UPrethodnojGODINI]}$$
 The 'Object Browser' at the bottom lists various metrics, including 'UKVPremije-Rep-OptinaExp-Filt-None', 'UKVPremije-Rep-OptinaExp-Filt-Abn', 'UKVPremije-Rep-OptinaExp-Filt-Ignore', 'UKVPremije-Rep-OptinaExp-Filt-None', 'UKVPremije-Rep-OptinaExp-GroupNone', 'UKVPremije-Rep-UstomKvartaluPrethodneGodine', 'UKVPremije-Rep-UPrethodnojGODINI', 'UKVPremije-Rep-UPrethodnomKvartalu', and 'UKVPremije-Rep-Ustov-Godina-2007'.

Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

5. Generiše se izveštaj pomoću transformacionih metrika



The screenshot shows a software interface for generating reports. The main window displays a table with the following data:

Report objects	Report details
Name	Metrics
GodinaSkicapanjaPolise	UKVrPremije-Rep
godSkicPol	UKVrPremije-Rep-UPrethodnojGODINI
IndeksRastaPoliseOsiguranja%Godisnji	IndeksRastaPoliseOsiguranjaGodisnji
IndeksRastaPoliseOsiguranjaGodisnji	IndeksRastaPoliseOsiguranjaGodisnji
UKVrPremije-Rep	
UKVrPremije-Rep-UPrethodnojGODINI	

The table also displays numerical values for the year 2007:

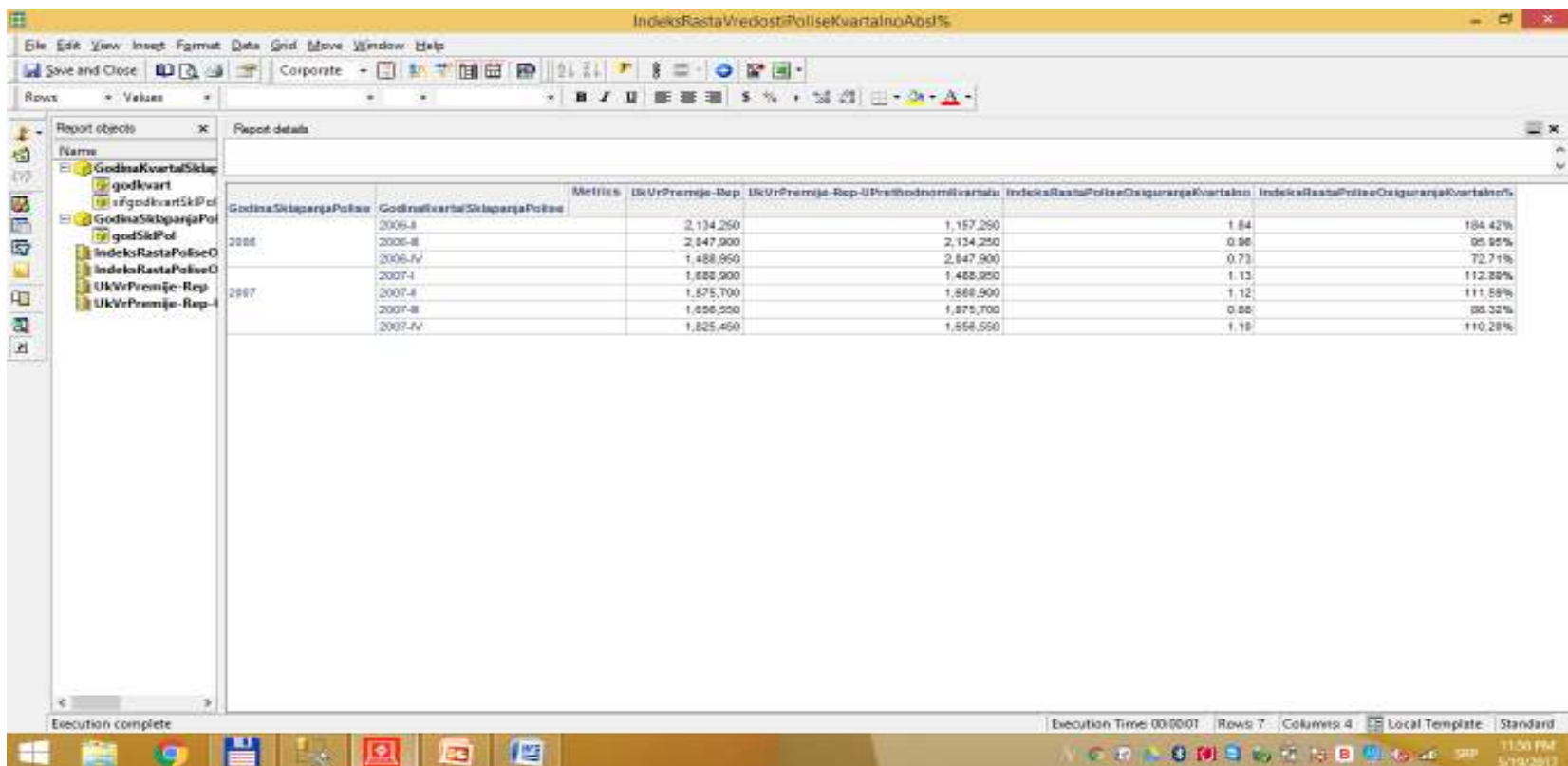
GodinaSkicapanjaPolise	UKVrPremije-Rep	UKVrPremije-Rep-UPrethodnojGODINI	IndeksRastaPoliseOsiguranjaGodisnji	IndeksRastaPoliseOsiguranjaGodisnji
2007	7.030.800	8.020.350	1.03	103.00%

Execution complete. Execution Time: 00:00:00. Rows: 1. Columns: 4. Local Template. Standard. 11:53 PM 5/19/2017.

Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

5. Generiše se izveštaj pomoću transformacionih metrika



The screenshot shows a software window titled 'IndeksRastaVredostiPoliseKvartalnoAbsl%'. The interface includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with icons for saving, printing, and other functions, and a 'Report objects' pane on the left. The main area displays a table with the following data:

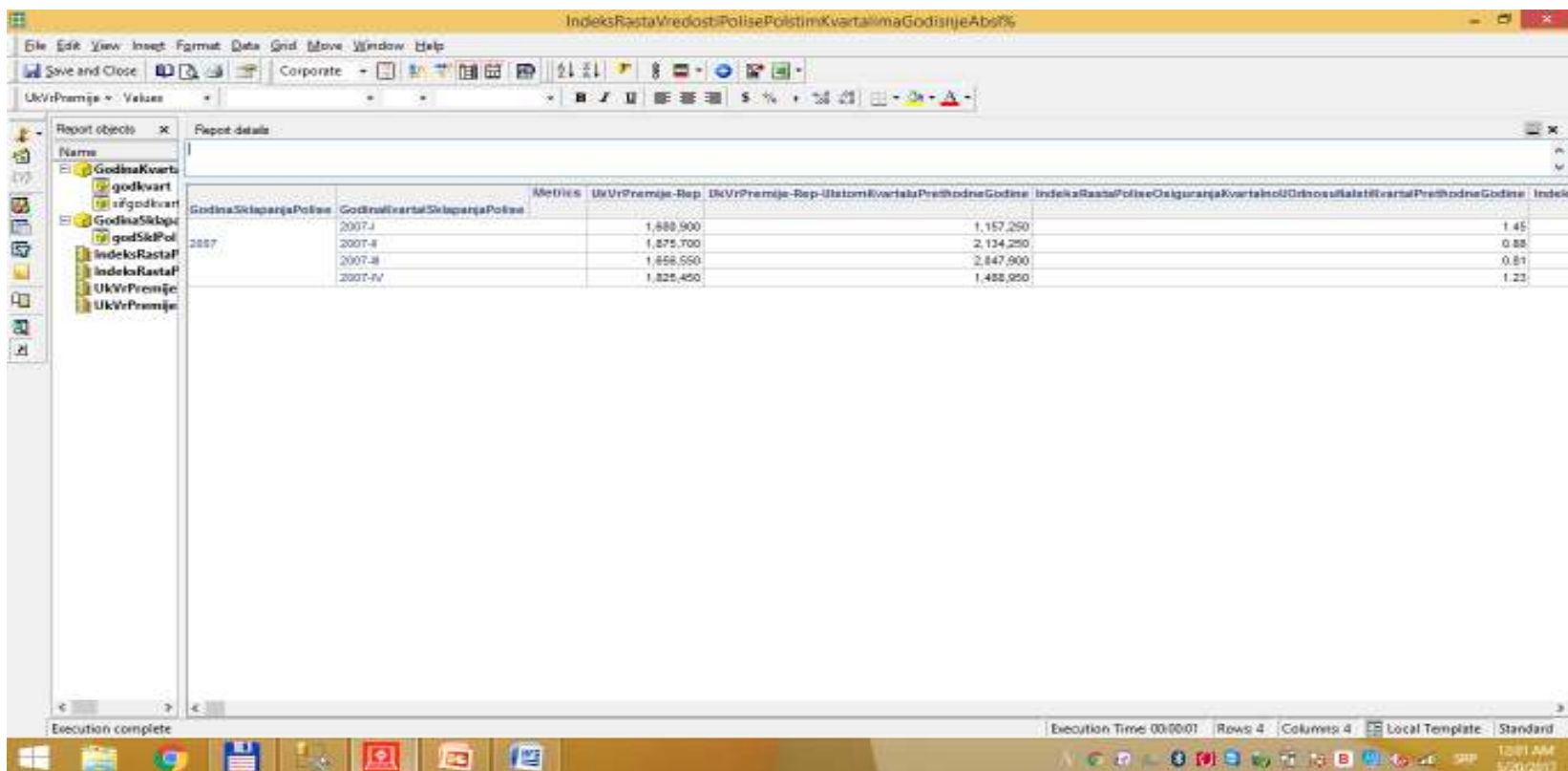
GodinaSkicapanjaPolise	GodinaKvartalSkicapanjaPolise	Metrika	UvPrPremije-Rep	UvPrPremije-Rep-UPrethodnomKvartalu	IndeksRastaPoliseOsiguranjaKvartaln	IndeksRastaPoliseOsiguranjaKvartaln%
2006	2006-I		2,134,250	1,157,250	1.84	184.42%
	2006-II		2,847,900	2,134,250	0.96	96.95%
	2006-IV		1,488,950	2,847,900	0.73	72.71%
	2007-I		1,888,900	1,488,950	1.13	112.88%
2007	2007-II		1,875,700	1,888,900	1.12	111.58%
	2007-III		1,858,550	1,875,700	0.88	88.32%
	2007-IV		1,825,450	1,858,550	1.18	110.28%

At the bottom of the window, a status bar indicates 'Execution complete', 'Execution Time 00:00:01', 'Rows: 7', 'Columns: 4', and 'Local Template: Standard'. The Windows taskbar at the very bottom shows the time as 11:50 PM on 5/19/2013.

Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

5. Generiše se izveštaj pomoću transformacionih metrika



The screenshot shows a software window titled 'IndeksRastaVredostiPolisePolistimKvartalimaGodisnjeAbs%' with a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help) and a toolbar. On the left, a 'Report objects' pane lists items like 'GodinaKvart', 'godkvart', 'godSikPol', 'IndeksRastaP', and 'UkVrPremije'. The main area displays a table with the following data:

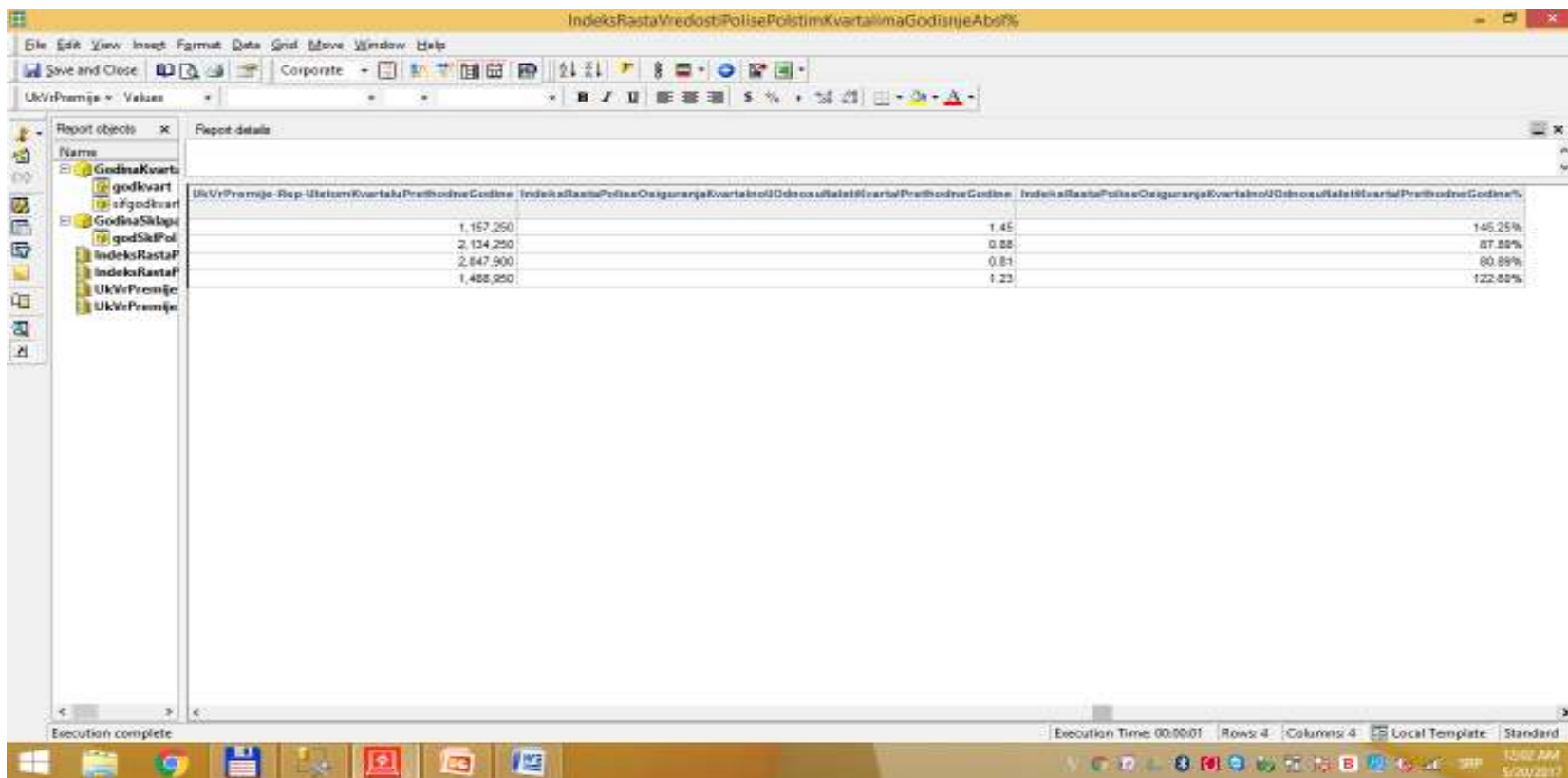
GodinaSklopnjaPolise	GodinaKvartalSklopnjaPolise	Metriks	UkVrPremije-Rep	UkVrPremije-Rep-UlalomKvartalaPrethodneGodine	IndeksRastaPoliseOsiguranjaKvartalaU odnosu sa istom kvartalPrethodneGodine	Indeks
2007	2007-I		1,880,900		1,157,250	1.45
	2007-II		1,875,700		2,134,250	0.88
	2007-III		1,858,550		2,847,900	0.81
	2007-IV		1,825,450		1,488,950	1.23

At the bottom, a status bar indicates 'Execution complete', 'Execution Time: 00:00:01', 'Rows: 4', 'Columns: 4', 'Local Template: Standard', and the date/time '12:01 AM 5/20/2013'.

Složene metrike/mere

Komponente mera – **TRANSFORMACIJE**

5. Generiše se izveštaj pomoću transformacionih metrika



The screenshot shows a software interface for generating reports. The main window displays a table with the following data:

UkVrPremije-Rep-UkVrIznKvartalaPrethodneGodine	IndeksRastaPolisaOsiguranjaKvartalaU odnosu na Isti kvartal PrethodneGodine	IndeksRastaPolisaOsiguranjaKvartalaU odnosu na Isti kvartal PrethodneGodine%
1,157,250	1.45	145.25%
2,134,250	0.88	87.88%
2,647,900	0.81	80.89%
1,485,950	1.23	122.89%

The interface includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with various icons, and a sidebar with a tree view of report objects. The status bar at the bottom indicates 'Execution complete', 'Execution Time: 00:00:01', 'Rows: 4', 'Columns: 4', and 'Local Template: Standard'.