



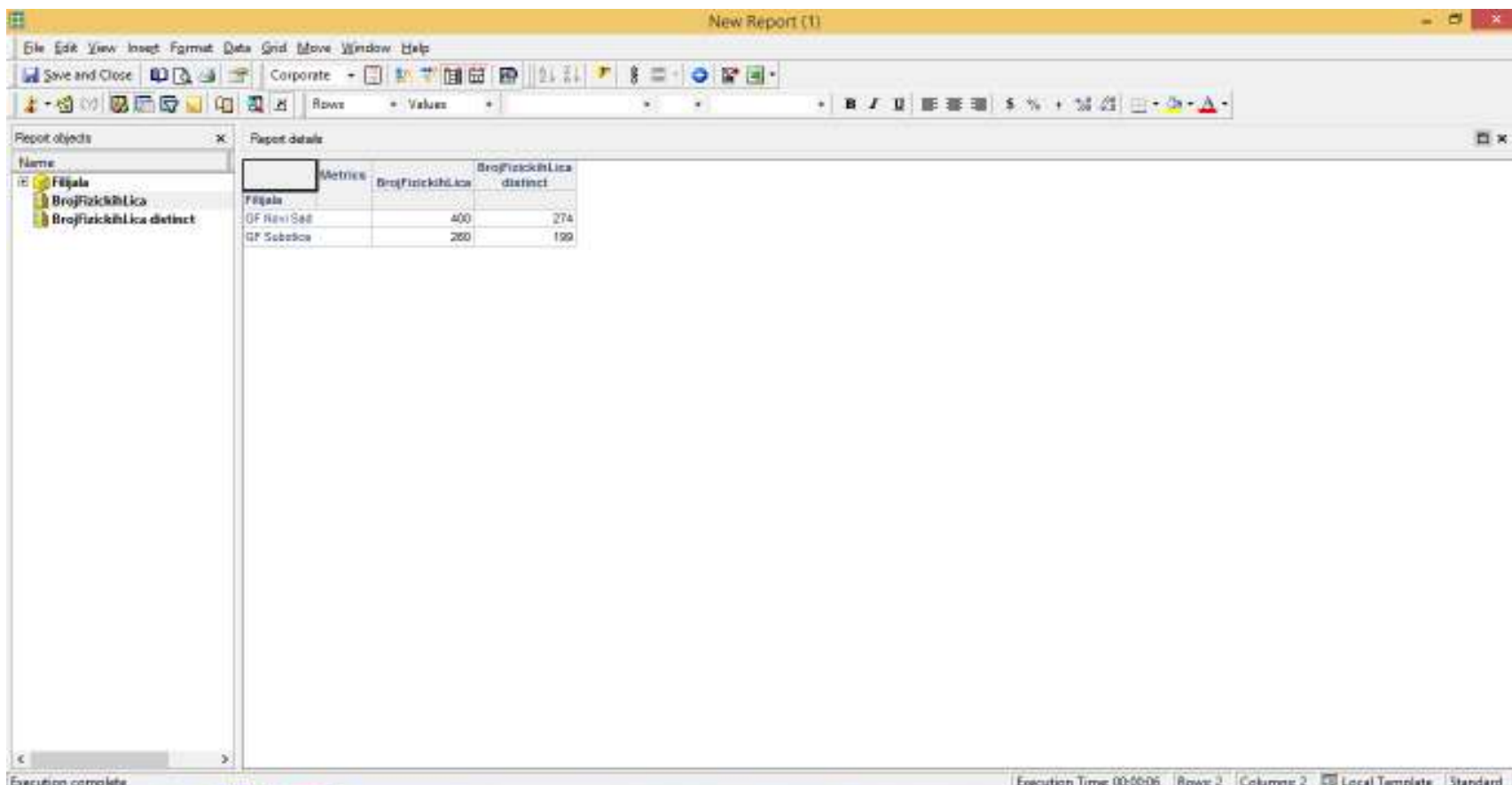
Sistemi poslovne inteligencije

10. nedelja

1. Drill-Total-Distinct

Drill down/Drill up

Drill down



Report objects

- Fakultet
- BrojFizickihLica
- BrojFizickihLica distinct

Report details

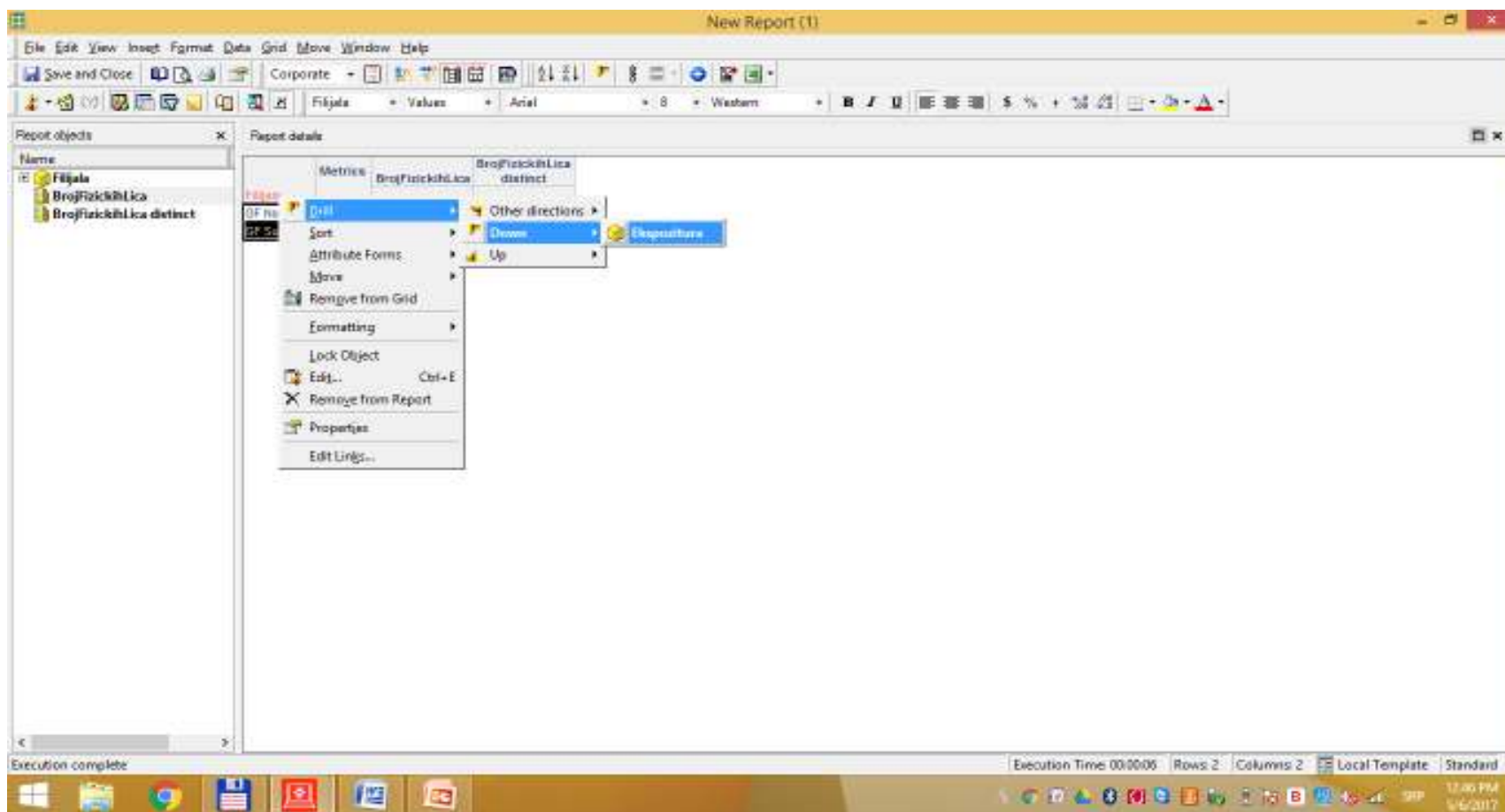
	BrojFizickihLica	BrojFizickihLica distinct
OF Novi Sad	400	274
GF Subotica	260	199

Execution complete

Execution Time: 00:00:06 Rows: 2 Columns: 2 Local Template Standard

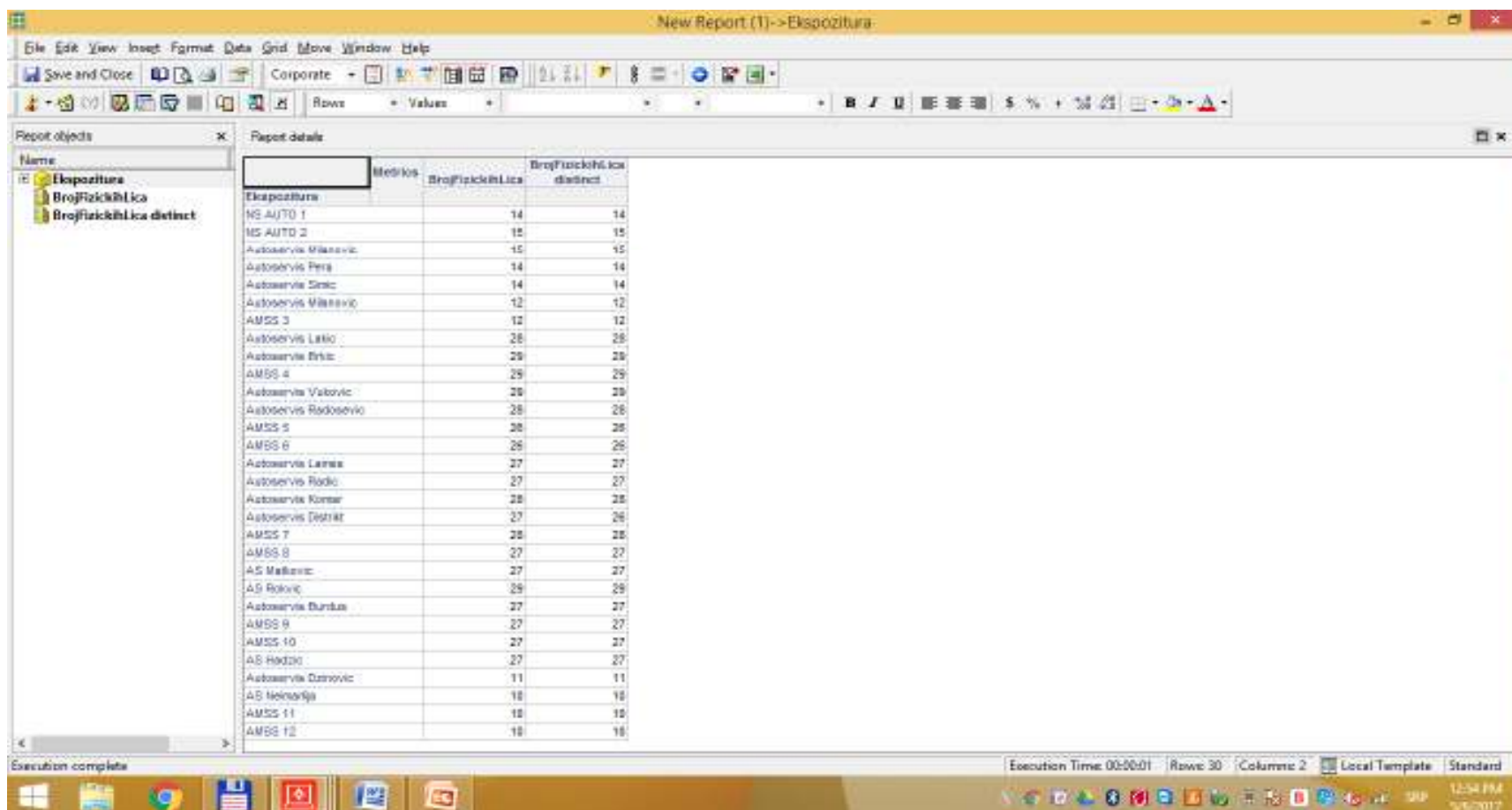
Drill down/Drill up

Drill down



Drill down/Drill up

Drill down



Report objects: Ekspozitura, BrojFizickihLica, BrojFizickihLica distinct

Report details:

Metric	BrojFizickihLica	BrojFizickihLica distinct
Ekspozitura		
NS AUTO 1	14	14
NS AUTO 2	15	15
Autoservis Milosevic	15	15
Autoservis Pera	14	14
Autoservis Simic	14	14
Autoservis Milosevic	12	12
AMSS 3	12	12
Autoservis Letic	26	26
Autoservis Brice	26	26
AMSS 4	29	29
Autoservis Vukovic	26	26
Autoservis Radosevic	26	26
AMSS 5	26	26
AMSS 6	26	26
Autoservis Letic	27	27
Autoservis Radic	27	27
Autoservis Komar	26	26
Autoservis Destrat	27	26
AMSS 7	26	26
AMSS 8	27	27
AS Matkovic	27	27
AS Bokovic	26	26
Autoservis Durdic	27	27
AMSS 9	27	27
AMSS 10	27	27
AS Hadzic	27	27
Autoservis Dostovic	11	11
AS Neisavlja	18	18
AMSS 11	18	18
AMSS 12	18	18

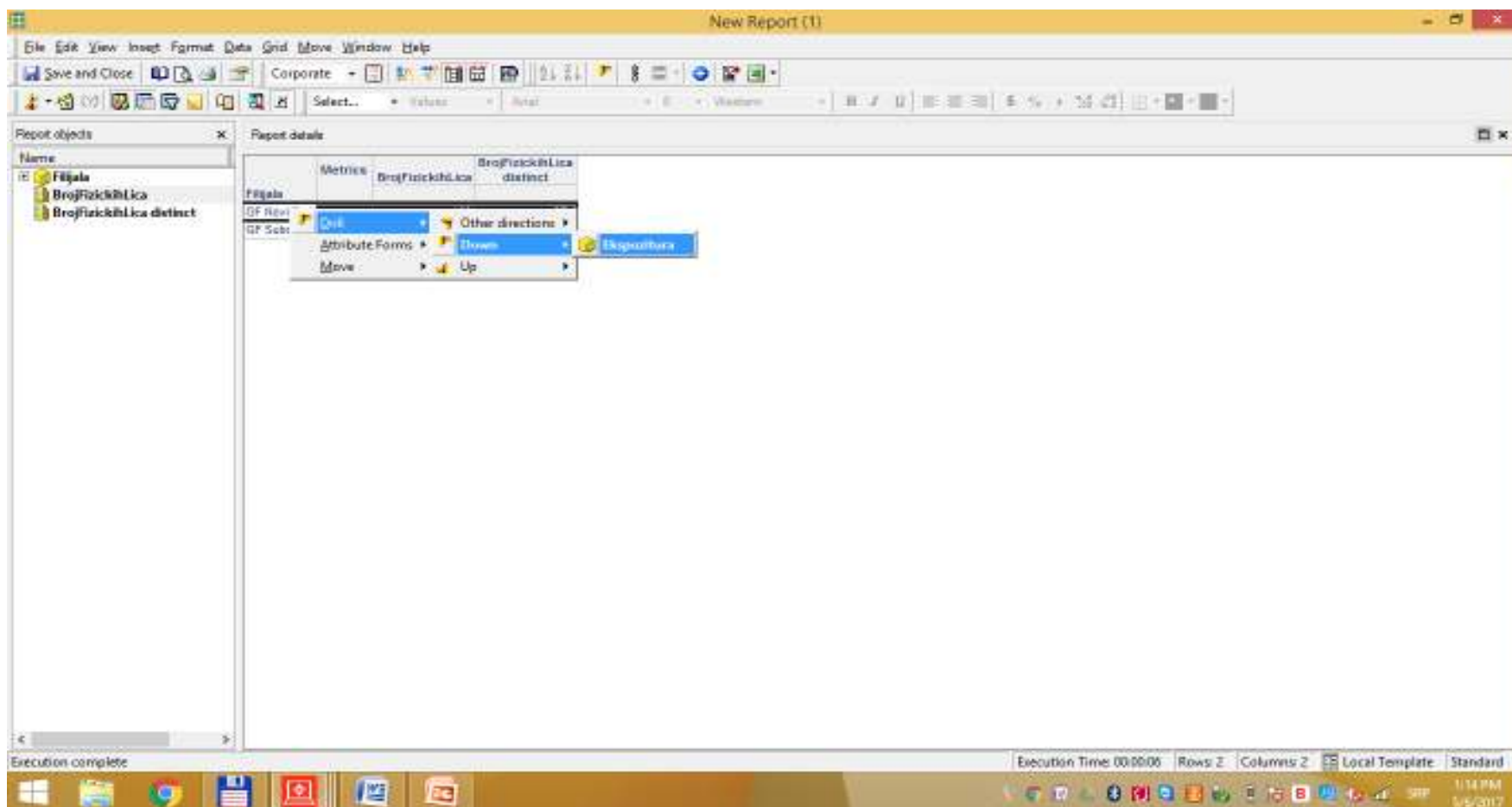
Execution complete

Execution Time: 00:00:01 Rows: 30 Columns: 2 Local Template Standard

12:54 PM 7/6/2017

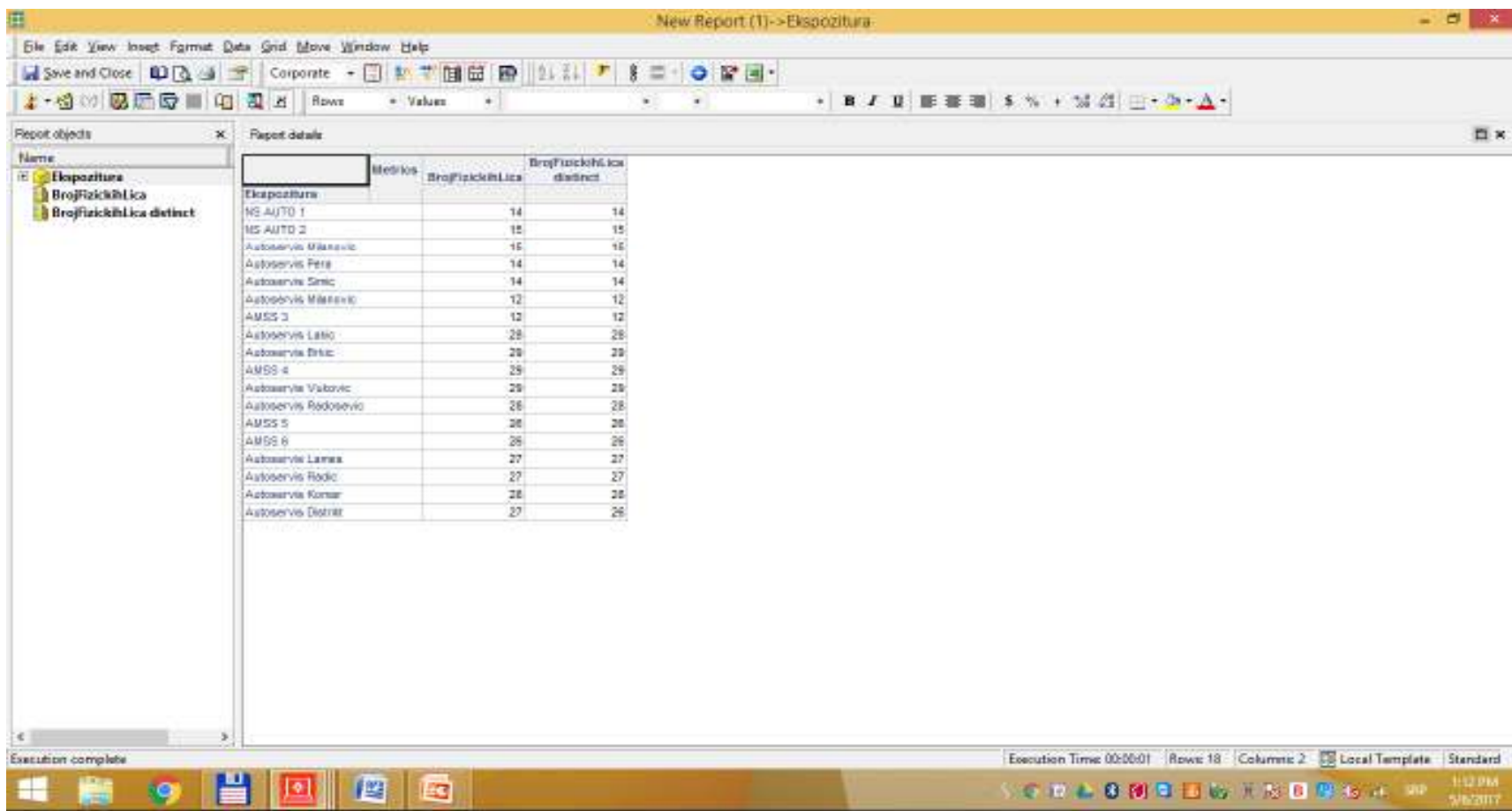
Drill down/Drill up

Drill down



Drill down/Drill up

Drill down



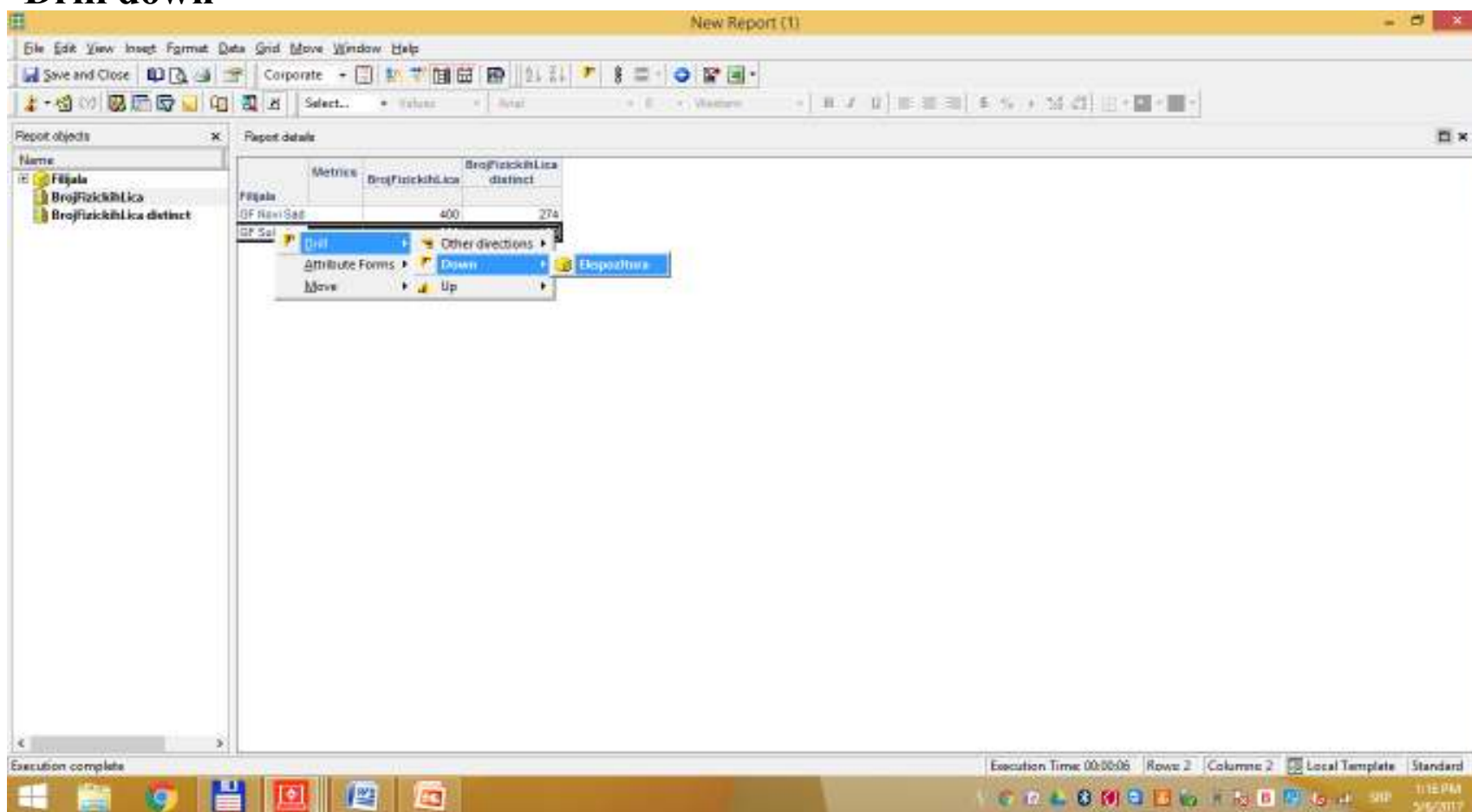
Report objects: Ekspozitura, BrojFizickihLica, BrojFizickihLica distinct

Metriks	BrojFizickihLica	BrojFizickihLica distinct
Ekspozitura		
NS AUTO 1	14	14
NS AUTO 2	15	15
Autoservis Milosavljevic	15	15
Autoservis Peric	14	14
Autoservis Simic	14	14
Autoservis Milutinovic	12	12
AMSS 3	12	12
Autoservis Letic	28	28
Autoservis Brkic	28	28
AMSS 4	28	28
Autoservis Vukovic	28	28
Autoservis Radosevic	28	28
AMSS 5	28	28
AMSS 6	28	28
Autoservis Ljuncic	27	27
Autoservis Rodic	27	27
Autoservis Koncar	28	28
Autoservis Djordjevic	27	28

Execution complete Execution Time: 00:00:01 Rows: 18 Columns: 2 Local Template Standard

Drill down/Drill up

Drill down



The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with the following data:

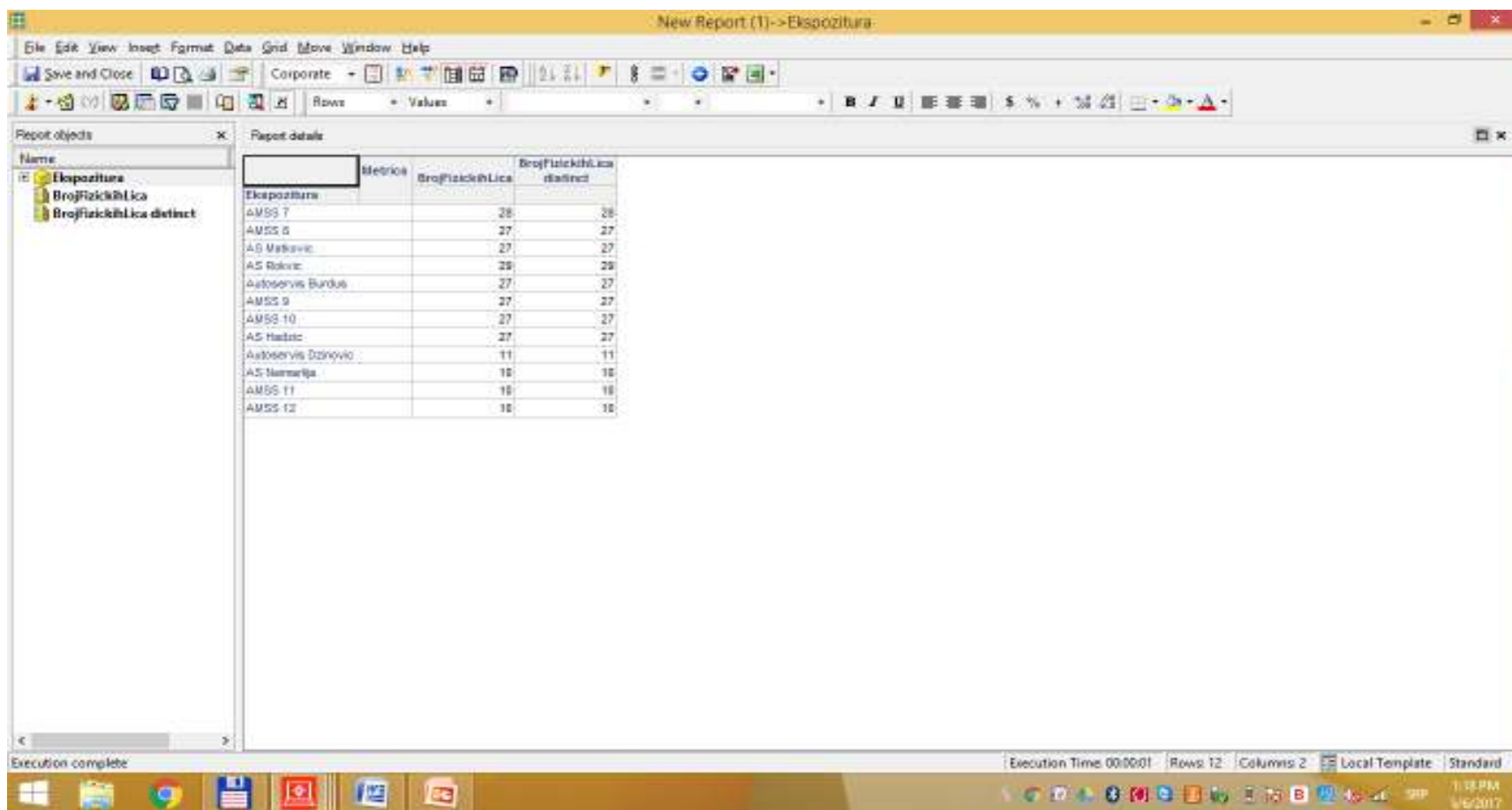
Measures	BrojPisackihLica	BrojPisackihLica distinct
Pisakala		
OF Novi Sad	400	274
OF Sub		

A context menu is open over the "OF Sub" row, showing options for "Drill", "Attribute Forms", and "Move". The "Drill" option is expanded, showing "Other directions", "Down", and "Up". The "Down" option is highlighted, indicating a drill-down action.

Execution complete Execution Time: 00:00:06 Rows: 2 Columns: 2 Local Template Standard 11:18 PM 5/6/2017

Drill down/Drill up

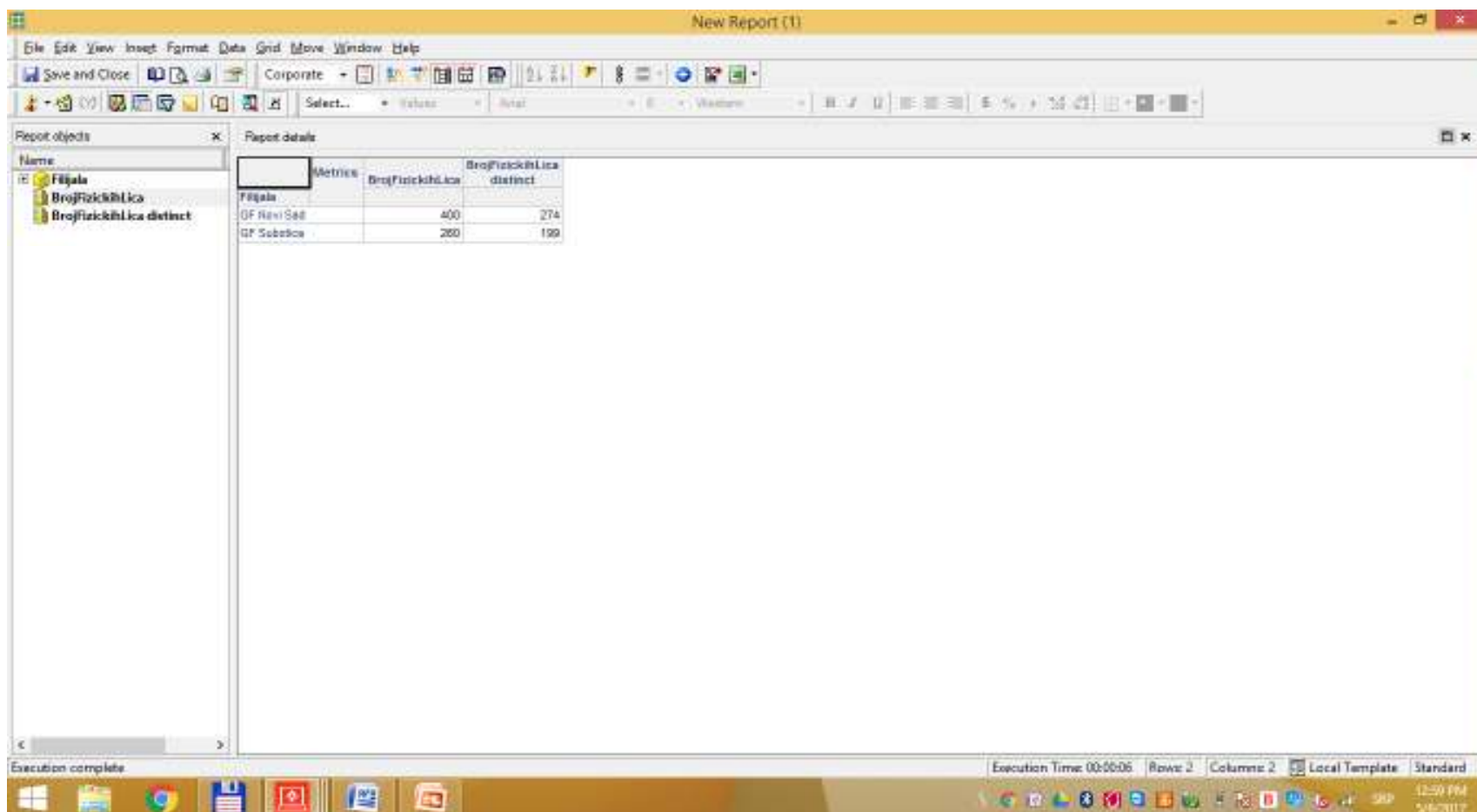
Drill down



Ekspozitura	BrojFizickihLica	BrojFizickihLica distinct
AMSS 7	28	28
AMSS 8	27	27
AS Makovic	27	27
AS Rokin	28	28
Autoservis Buduc	27	27
AMSS 9	27	27
AMSS 10	27	27
AS Hadzic	27	27
Autoservis Dobovio	11	11
AS Nemetija	18	18
AMSS 11	18	18
AMSS 12	18	18

Drill down/Drill up

Drill up

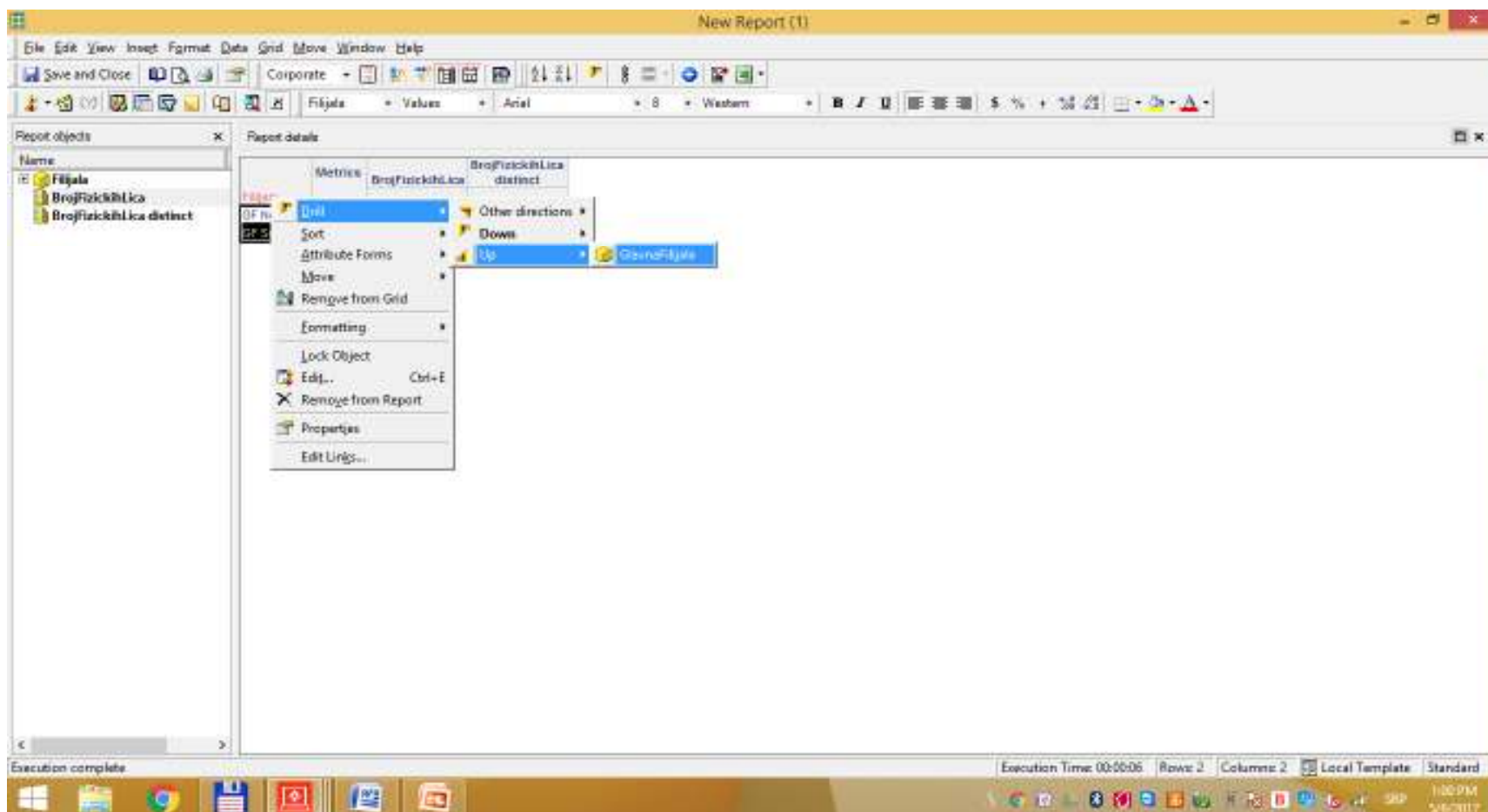


Measures	BrojFizickihLica	BrojFizickihLica distinct
Fakultet		
OF Novi Sad	400	274
GF Subotica	200	199

Execution complete Execution Time: 00:00:06 Rows: 2 Columns: 2 Local Template Standard

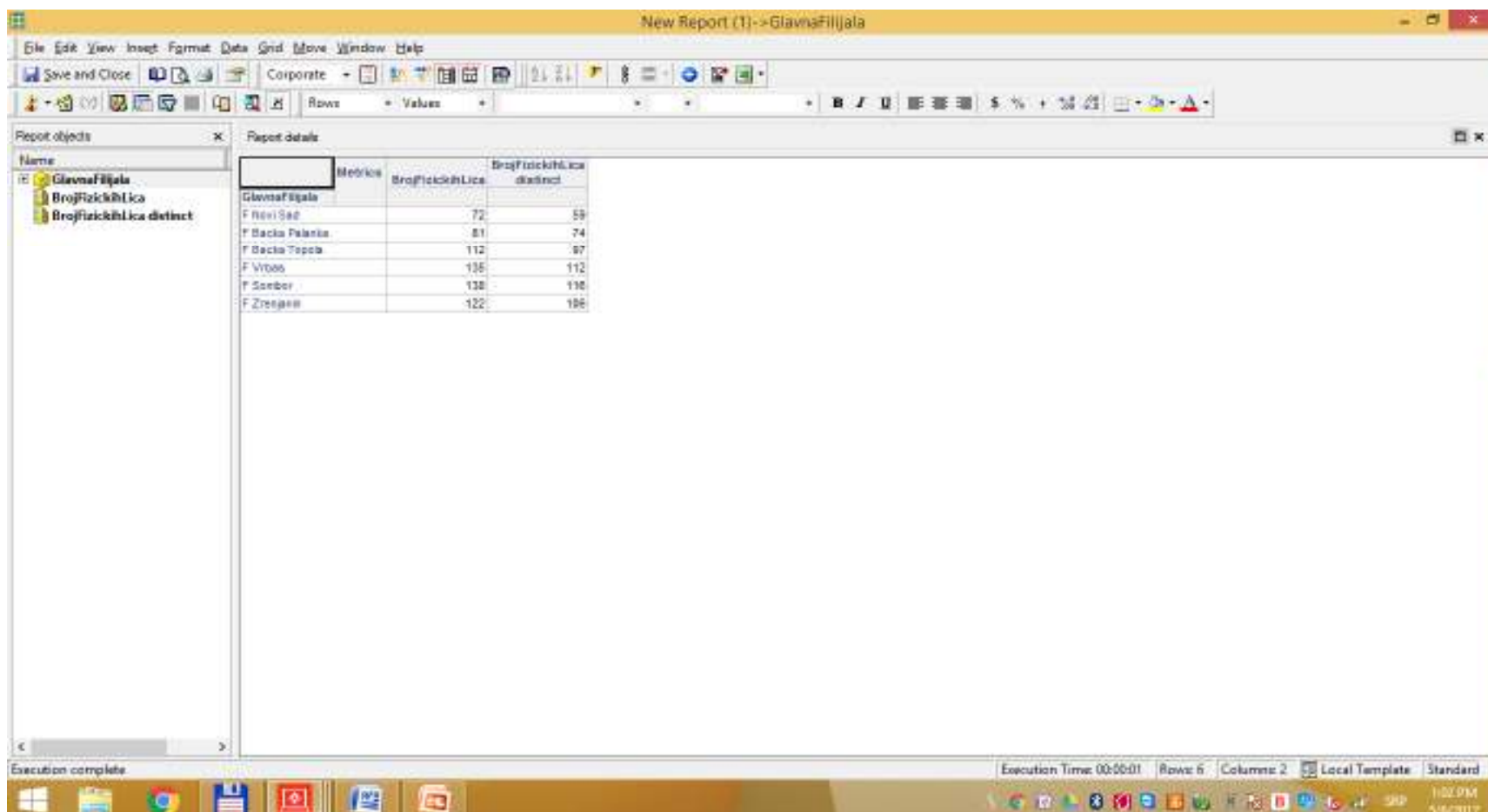
Drill down/Drill up

Drill up



Drill down/Drill up

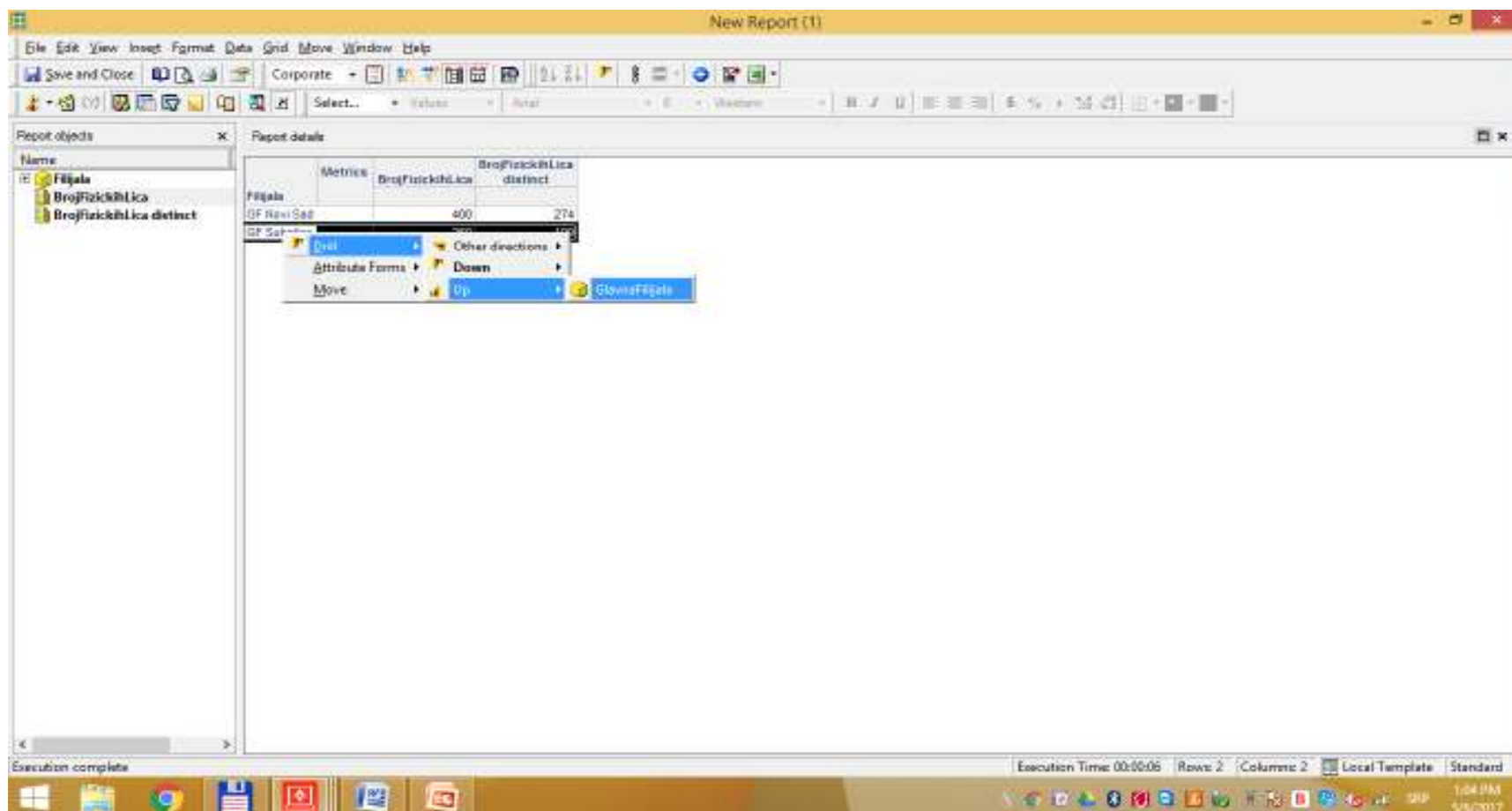
Drill up



	Metrics	BrojFizickihLica	BrojFizickihLica distinct
GlavnaFilijala			
F Novi Sad		72	59
F Backa Palanka		81	74
F Backa Topola		112	97
F Vukos		135	112
F Sremski		138	110
F Zrenjanin		122	106

Drill down/Drill up

Drill up



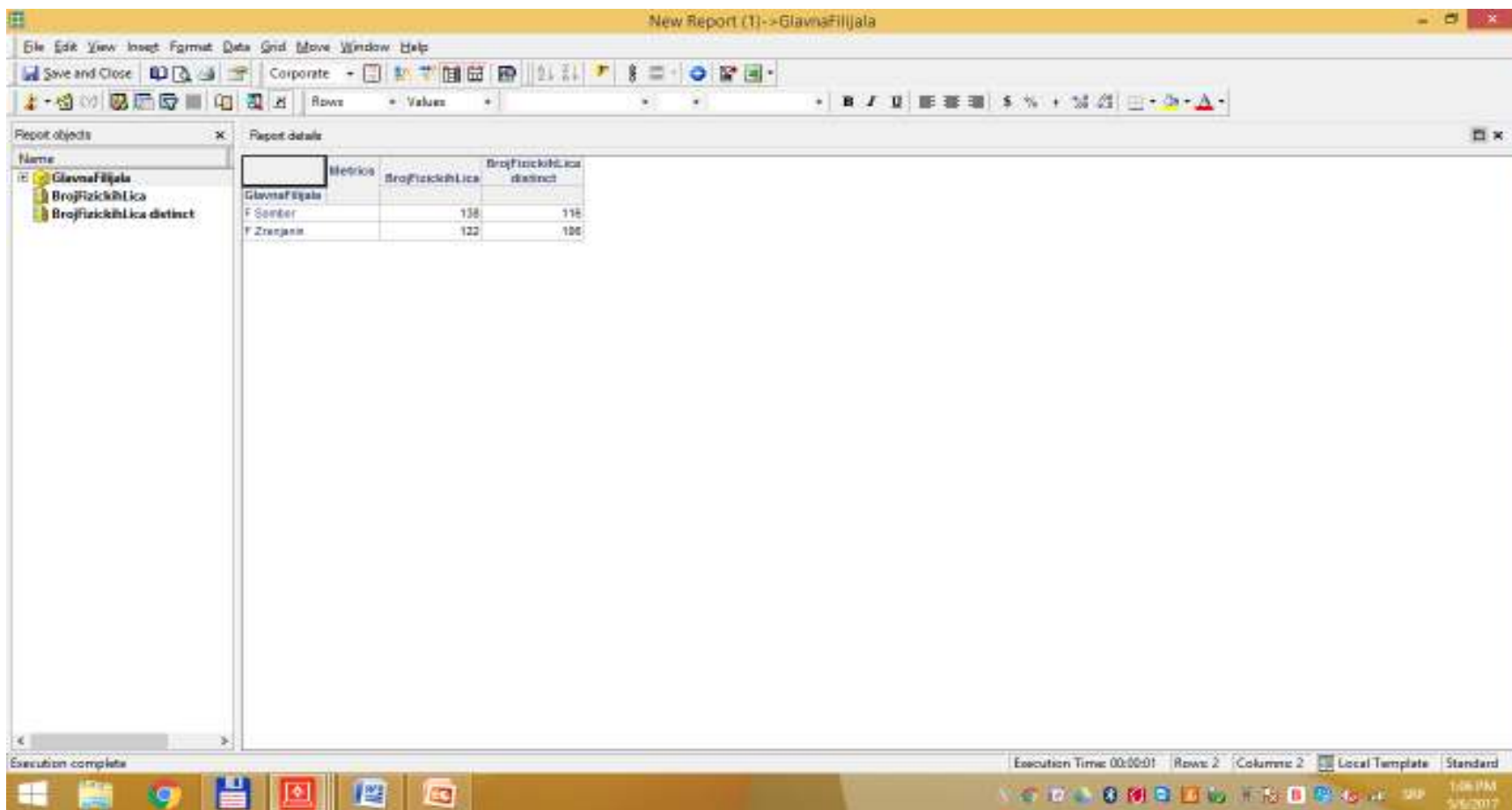
The screenshot shows a reporting tool window titled "New Report (1)". The interface includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with various icons, and a "Report objects" pane on the left. The "Report details" pane on the right displays a table with the following data:

Measures	BrojFizickihLica	BrojFizickihLica distinct
Fizika	400	274
GF Novi Sad		
GF Subotica		

A context menu is open over the "GF Subotica" row, showing options: "Drill", "Attribute Forms", "Move", "Other directions", "Down", and "Up". The "Up" option is highlighted, indicating a drill up action. The status bar at the bottom shows "Execution complete", "Execution Time 00:00:06", "Rows: 2", "Columns: 2", "Local Template", and "Standard".

Drill down/Drill up

Drill up



Report objects

- GlavnaFilijala
- BrojFizickihLica
- BrojFizickihLica distinct

Report details

	Metrics	BrojFizickihLica	BrojFizickihLica distinct
GlavnaFilijala			
F Sember		138	118
F Zrenjanin		122	100

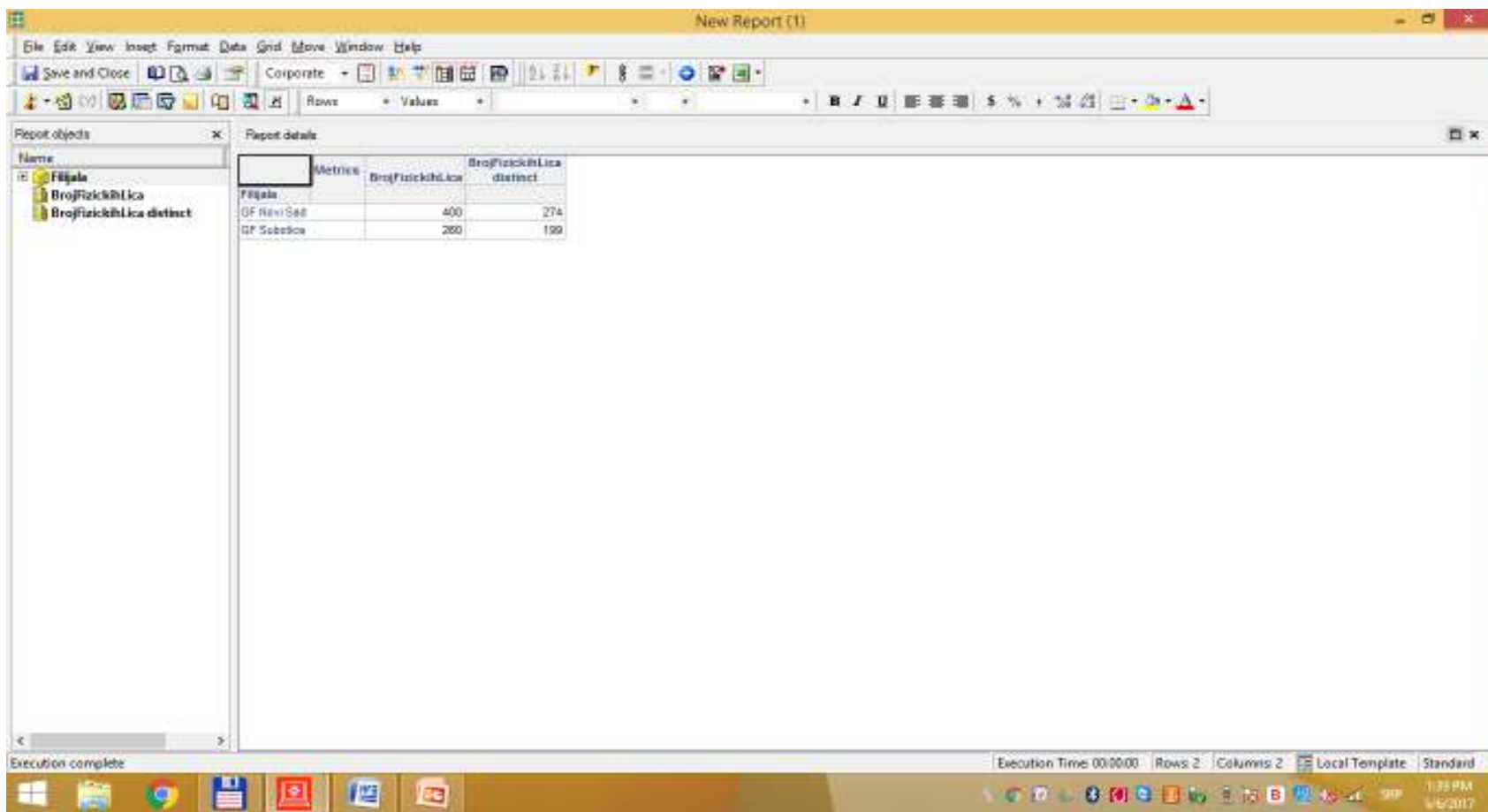
Execution complete

Execution Time: 00:00:01 Rows: 2 Columns: 2 Local Template Standard

1:08 PM 5/6/2017

Totals-Subtotals

Subtotals-Totals

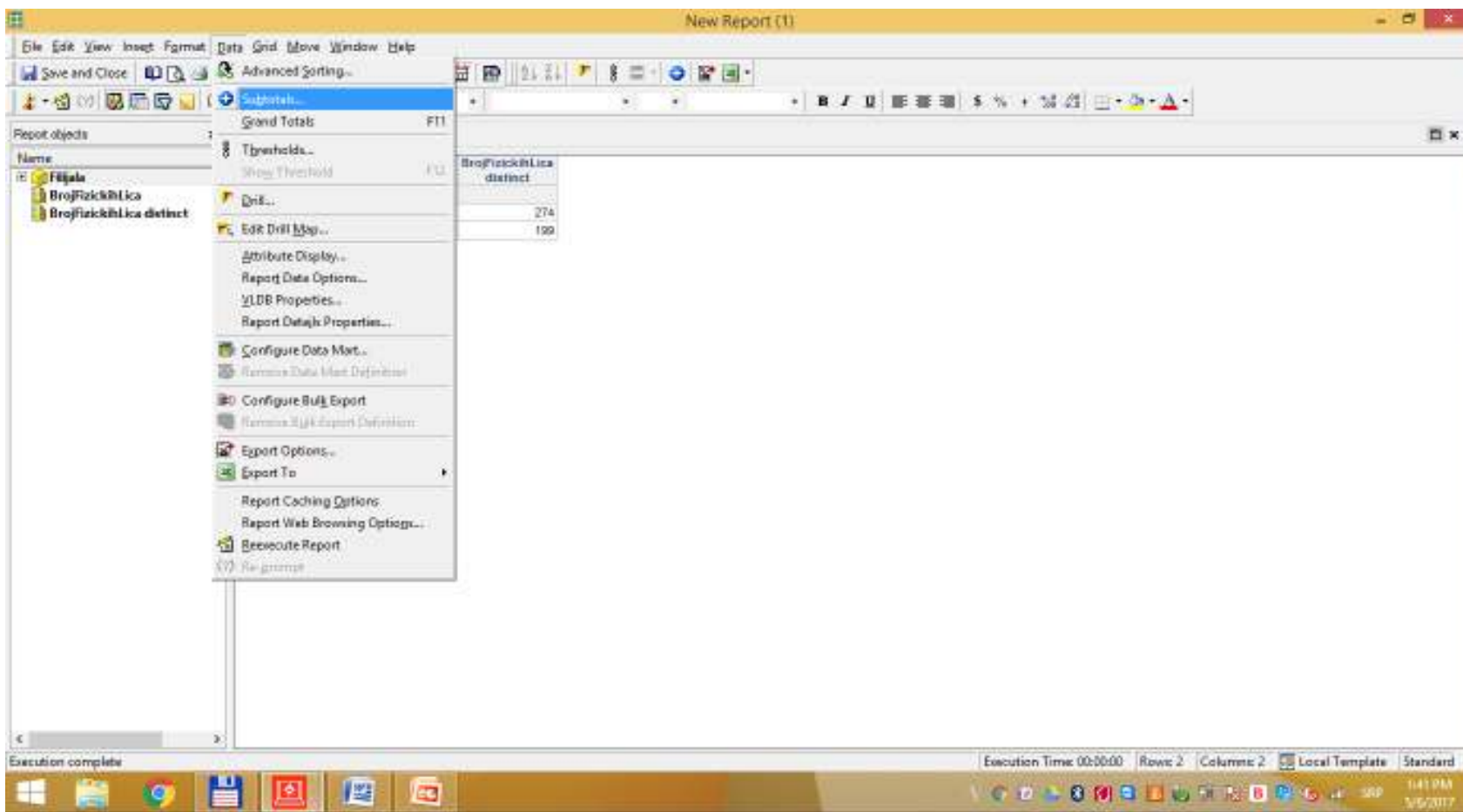


The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with two columns: "BrojFizickihLica" and "BrojFizickihLica distinct". The table has three rows: "OF Novi Sad", "OF Subotica", and a "Totals" row. The "OF Novi Sad" row has values 400 and 274. The "OF Subotica" row has values 260 and 199. The "Totals" row has values 660 and 473. The report is titled "Filijala" and the report objects are "Filijala", "BrojFizickihLica", and "BrojFizickihLica distinct".

	BrojFizickihLica	BrojFizickihLica distinct
OF Novi Sad	400	274
OF Subotica	260	199
Totals	660	473

Totals-Subtotals

Subtotals-Totals



The screenshot displays a software window titled "New Report (1)". The menu bar includes File, Edit, View, Insert, Format, Data, Grid, Move, Window, and Help. The "Data" menu is open, showing options like "Subtotals...", "Grand Totals", "Thresholds...", "Drill...", "Edit Drill Map...", "Attribute Display...", "Report Data Options...", "YLD Properties...", "Report Data Properties...", "Configure Data Mart...", "Remove Data Mart Definition...", "Configure Bulk Export", "Remove Bulk Export Definition...", "Export Options...", "Export To...", "Report Caching Options...", "Report Web Browsing Options...", "Execute Report", and "Re-group".

The "Report objects" pane on the left shows a tree structure with "Filjale" expanded, containing "BrojFizickihLica" and "BrojFizickihLica distinct".

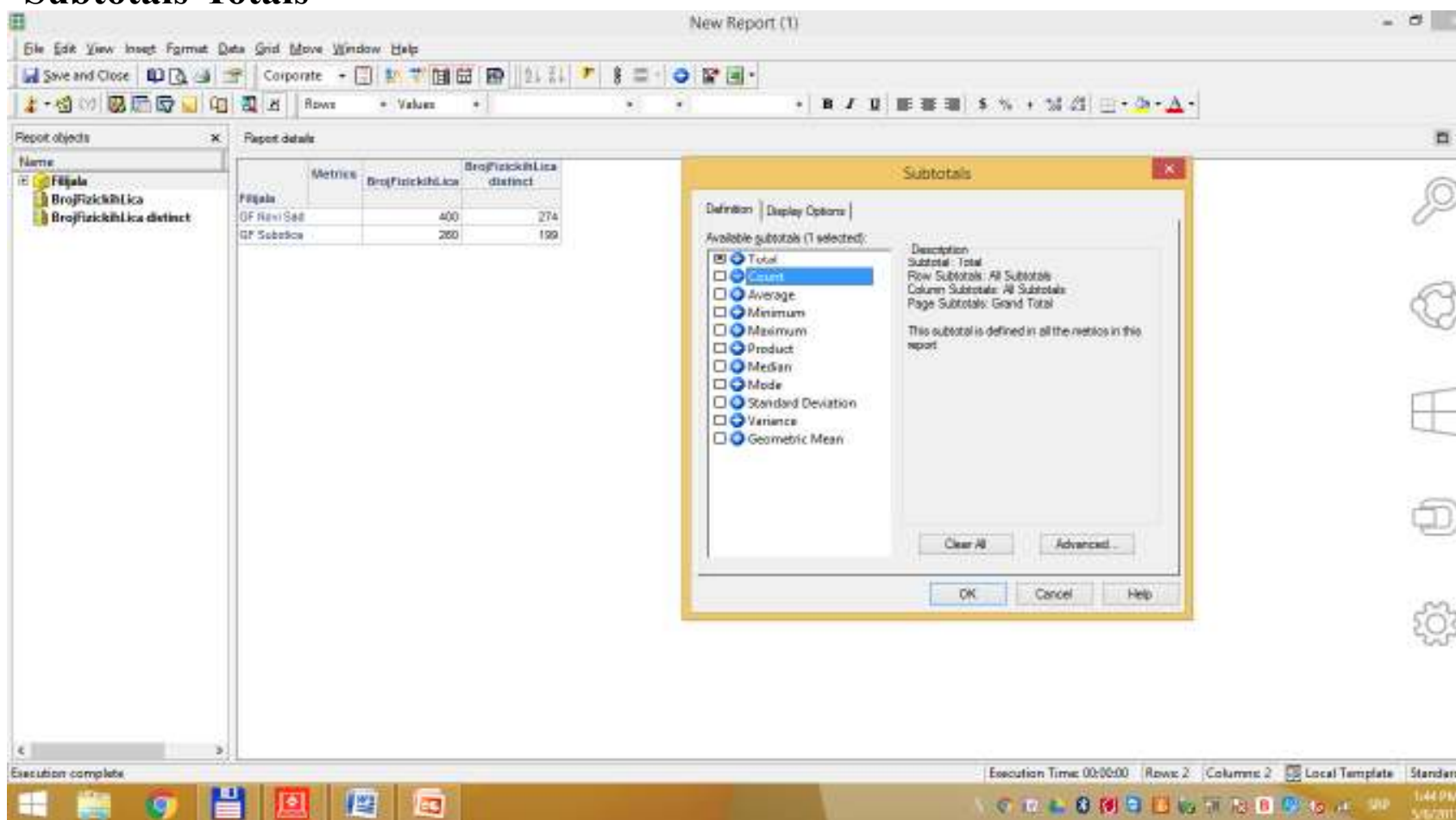
The main report area displays a table with the following data:

BrojFizickihLica distinct
274
199

The status bar at the bottom indicates "Execution complete", "Execution Time 00:00:00", "Rows: 2", "Columns: 2", "Local Template", and "Standard". The system clock shows 1:41 PM on 3/6/2017.

Totals-Subtotals

Subtotals-Totals



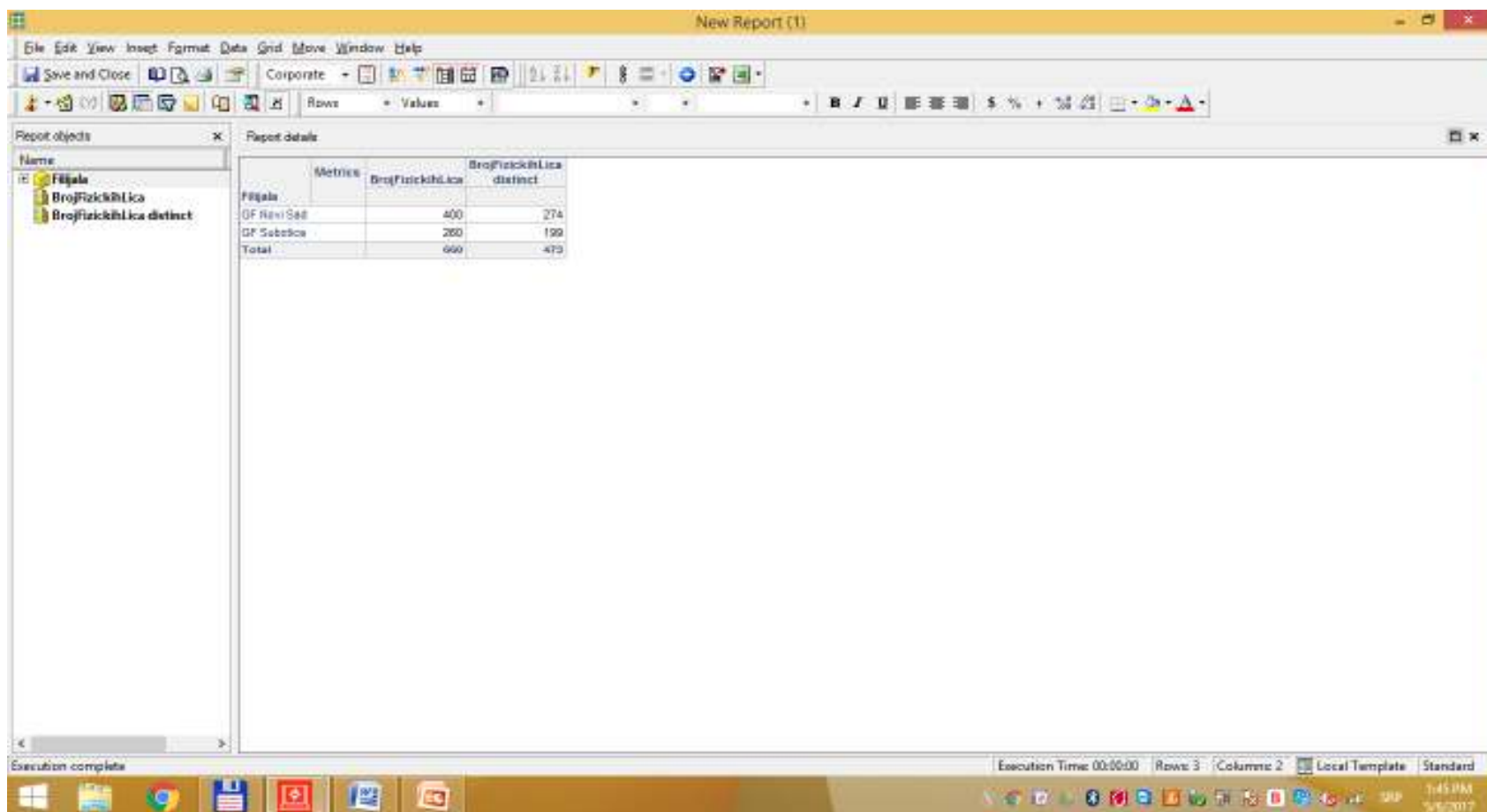
The screenshot displays a software interface for generating reports. A 'Subtotals' dialog box is open, allowing the user to define and configure subtotals for the report. The dialog box has two tabs: 'Definition' and 'Display Options'. In the 'Definition' tab, a list of available subtotals is shown, with 'Count' selected. The 'Display Options' tab provides a description of the subtotal and its application across the report. The background shows a report preview with columns for 'Metrics', 'BrojPozickihLica', and 'BrojPozickihLica distinct'.

Metrics	BrojPozickihLica	BrojPozickihLica distinct
Pozicija		
GF Novi Sad	400	274
GF Subotica	280	199

Execution complete. Execution Time: 00:00:00 Rows: 2 Columns: 2 Local Template Standard 1:44 PM 5/6/2017

Totals-Subtotals

Subtotals-Totals



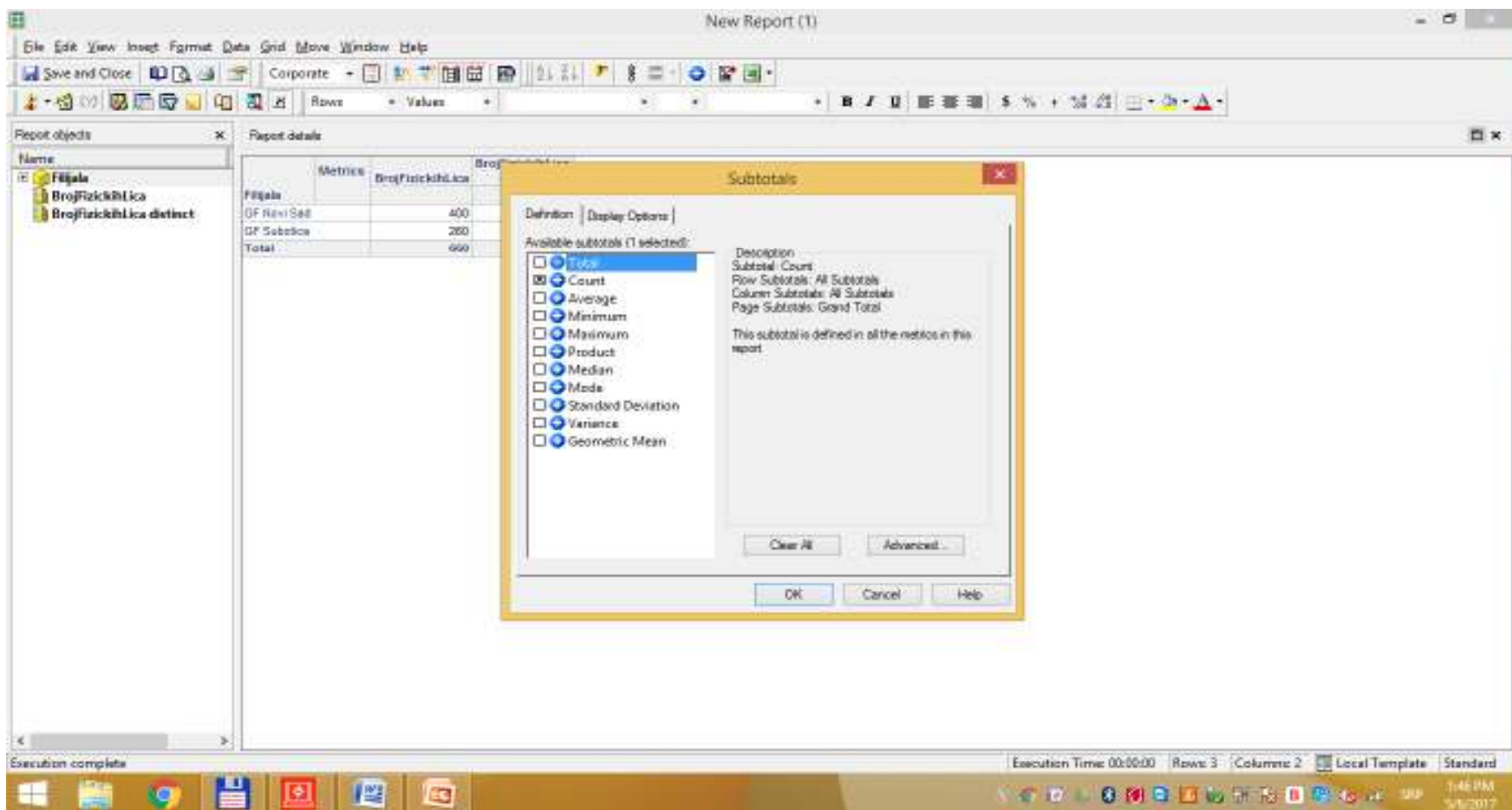
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with subtotals and totals. The table has two columns: "BrojFizickihLica" and "BrojFizickihLica distinct". The rows are grouped by "Filijala". The subtotals are for "OF NoviSad" and "OF Subotica". The total row is at the bottom.

	BrojFizickihLica	BrojFizickihLica distinct
Filijala		
OF NoviSad	400	274
OF Subotica	260	199
Total	660	473

Execution complete Execution Time: 00:00:00 Rows: 3 Columns: 2 Local Template Standard

Totals-Subtotals

Subtotals-Totals



The screenshot displays a report viewer window titled 'New Report (1)'. The report shows a table with the following data:

Metrics	BrojFizickihLica
GF Novi Sad	400
GF Subotica	260
Total	660

The 'Subtotals' dialog box is open, showing the 'Definition' tab. The 'Available subtotals (1 selected):' list includes:

- ☒ Total
- ☐ Count
- ☐ Average
- ☐ Minimum
- ☐ Maximum
- ☐ Product
- ☐ Median
- ☐ Mode
- ☐ Standard Deviation
- ☐ Variance
- ☐ Geometric Mean

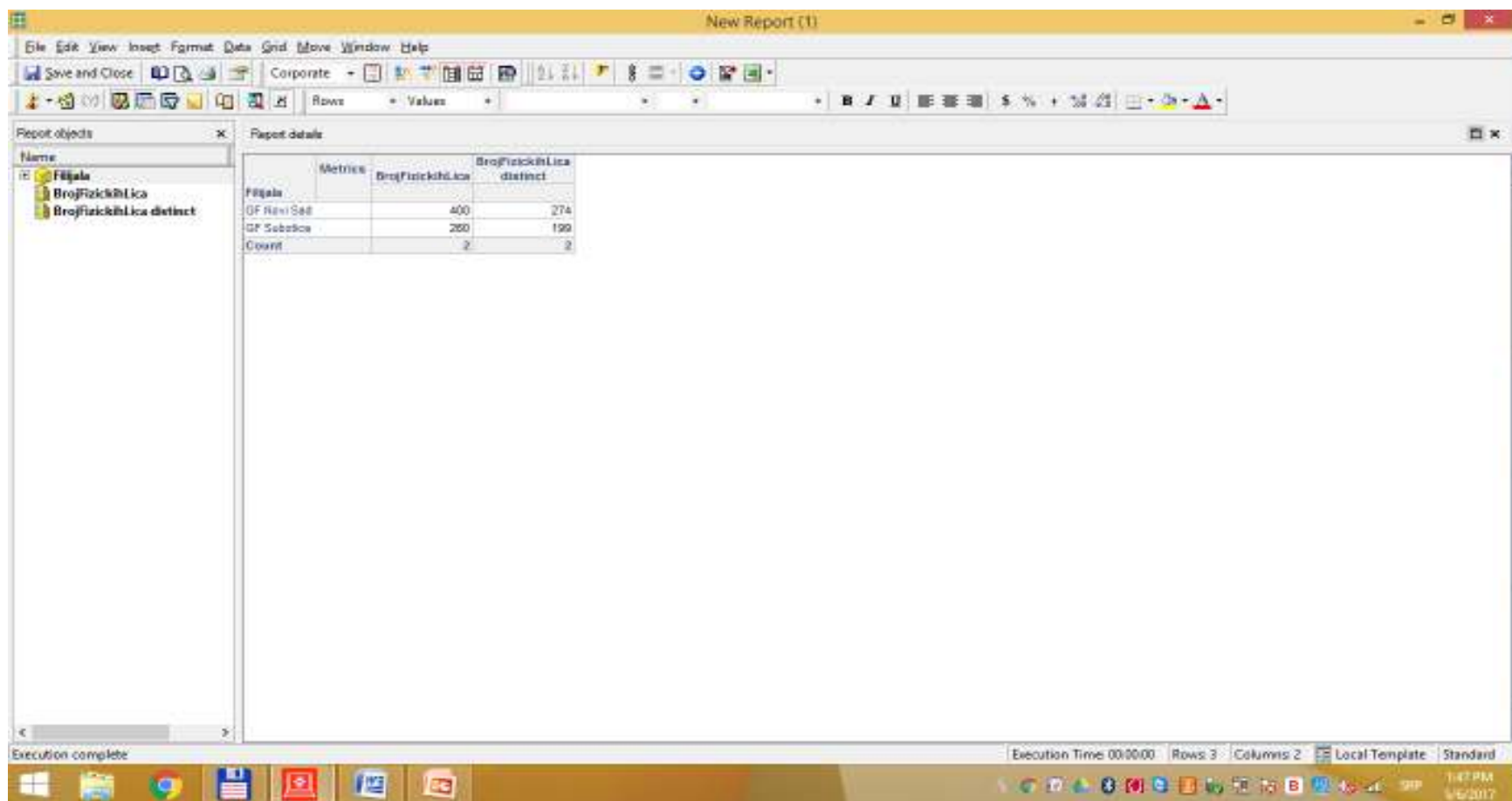
The 'Display Options' tab shows the following settings:

- Subtotal: Count
- Row Subtotals: All Subtotals
- Column Subtotals: All Subtotals
- Page Subtotals: Grand Total

The dialog also includes a 'Description' field with the text: 'This subtotal is defined in all the metrics in this report.' The 'OK' button is highlighted.

Totals-Subtotals

Subtotals-Totals



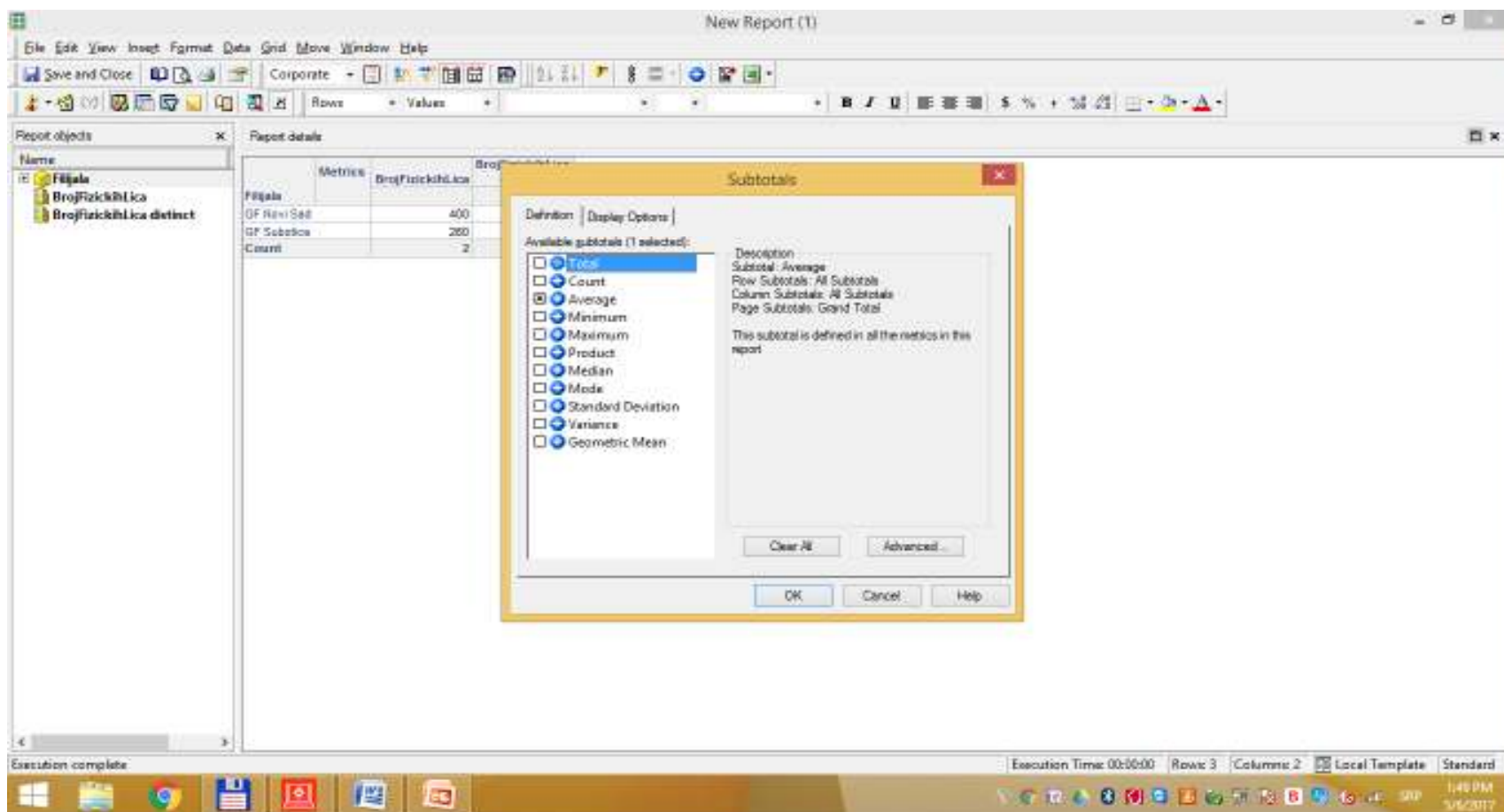
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with the following data:

Measures	BrojFizickihLica	BrojFizickihLica distinct
Prijave		
OF Novi Sad	400	274
OF Subotica	280	199
Count	2	2

The report viewer includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with various icons, and a status bar at the bottom showing "Execution complete", "Execution Time: 00:00:00", "Rows: 3", "Columns: 2", "Local Template", and "Standard". The Windows taskbar at the bottom shows the date and time as 1:47 PM on 5/5/2017.

Totals-Subtotals

Subtotals-Totals



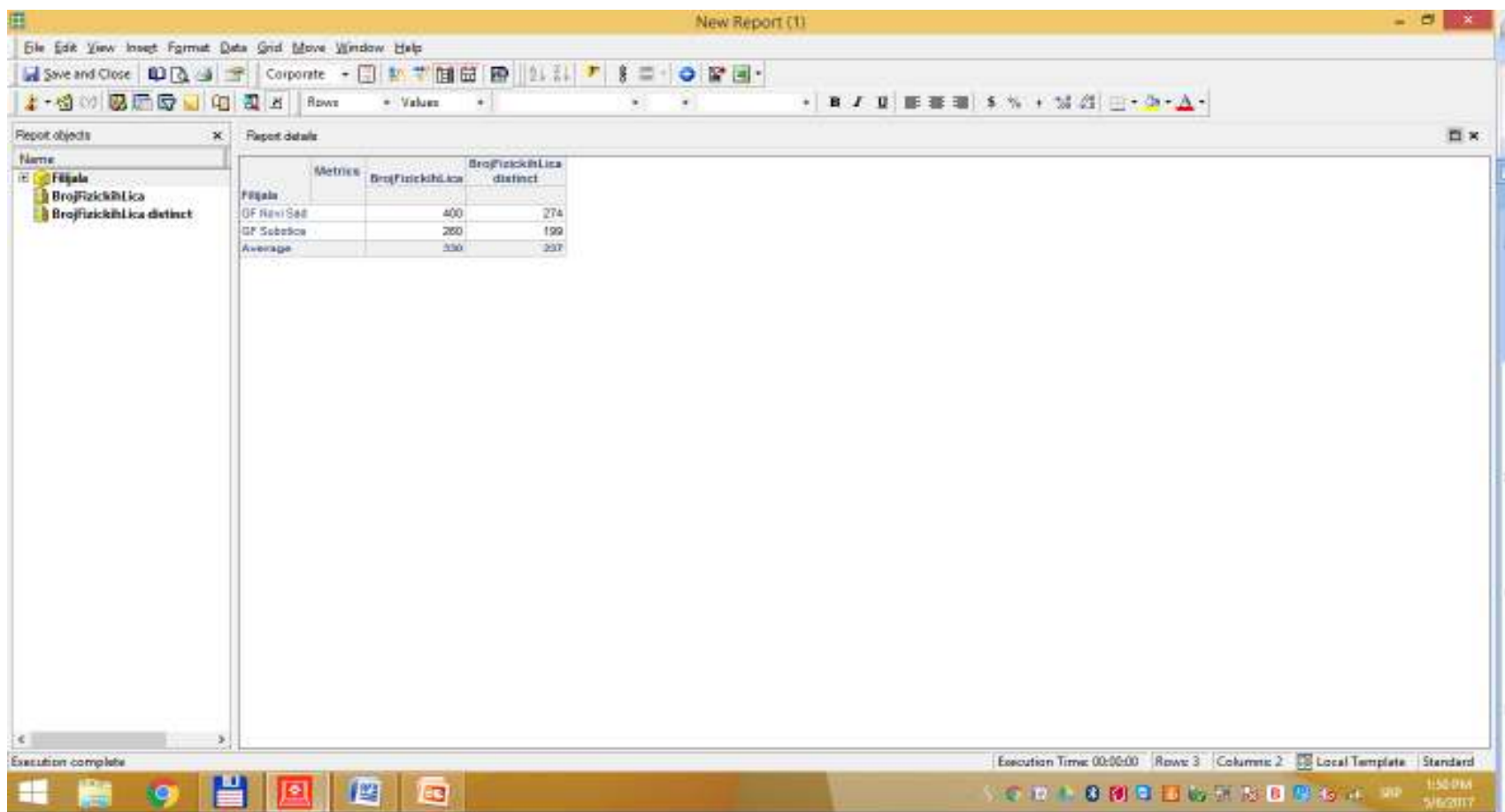
Execution complete

Execution Time: 00:00:00 Row: 3 Column: 2 Local Template Standard

1:48 PM 3/6/2017

Totals-Subtotals

Subtotals-Totals



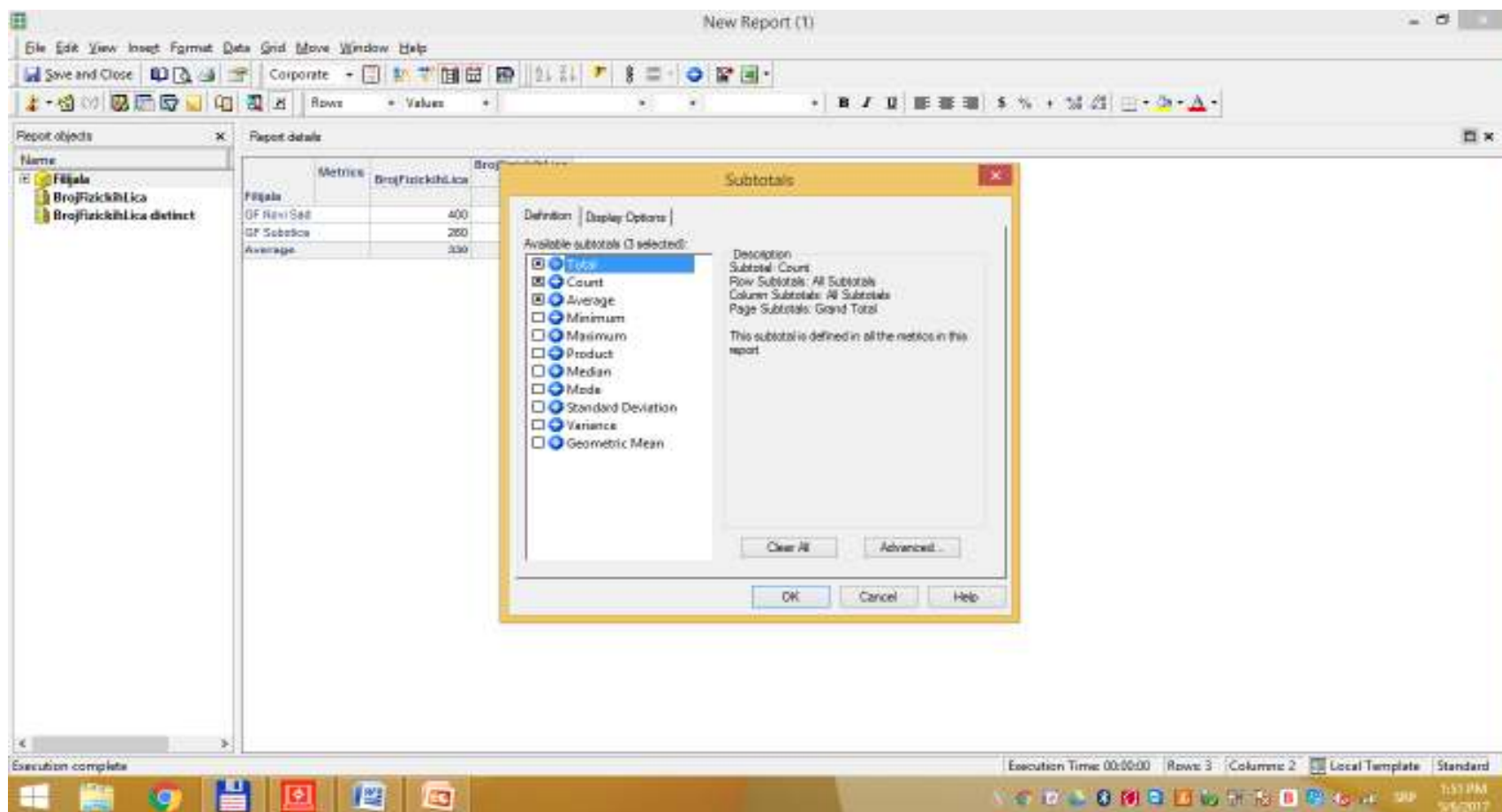
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with subtotals and totals. The table has three columns: "Metric", "BrojFizickihLica", and "BrojFizickihLica distinct". The rows are grouped by "Filijala". The subtotals are shown for "OF Novi Sad" and "OF Subotica". The totals are shown for "Average".

Metric	BrojFizickihLica	BrojFizickihLica distinct
Filijala		
OF Novi Sad	400	274
OF Subotica	280	199
Average	330	237

Execution complete Execution Time: 00:00:00 Rows: 3 Columns: 2 Local Template: Standard

Totals-Subtotals

Subtotals-Totals



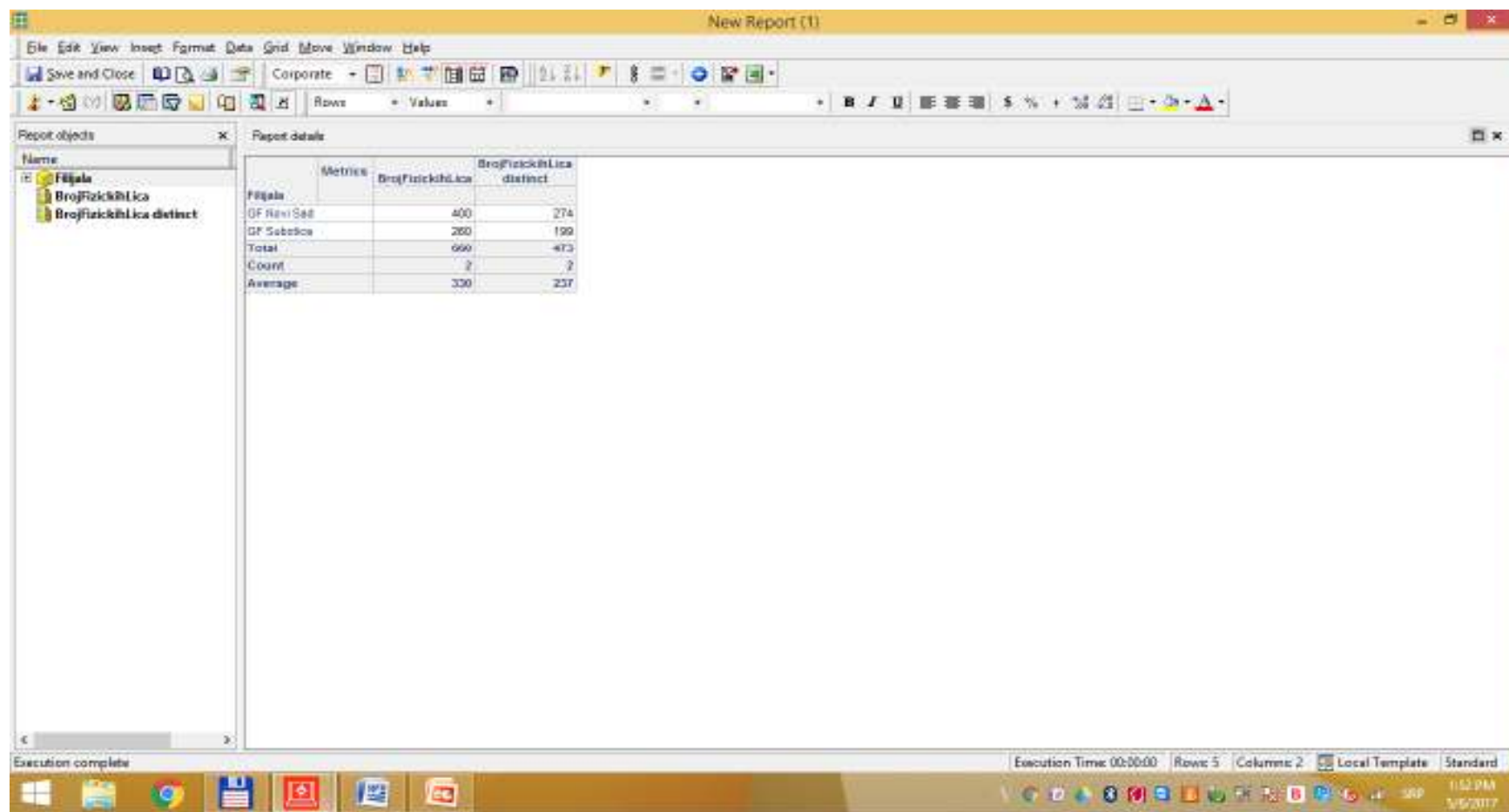
Execution complete

Execution Time: 00:00:00 Rows: 3 Columns: 2 Local Template Standard

1:51 PM 2/6/2017

Totals-Subtotals

Subtotals-Totals



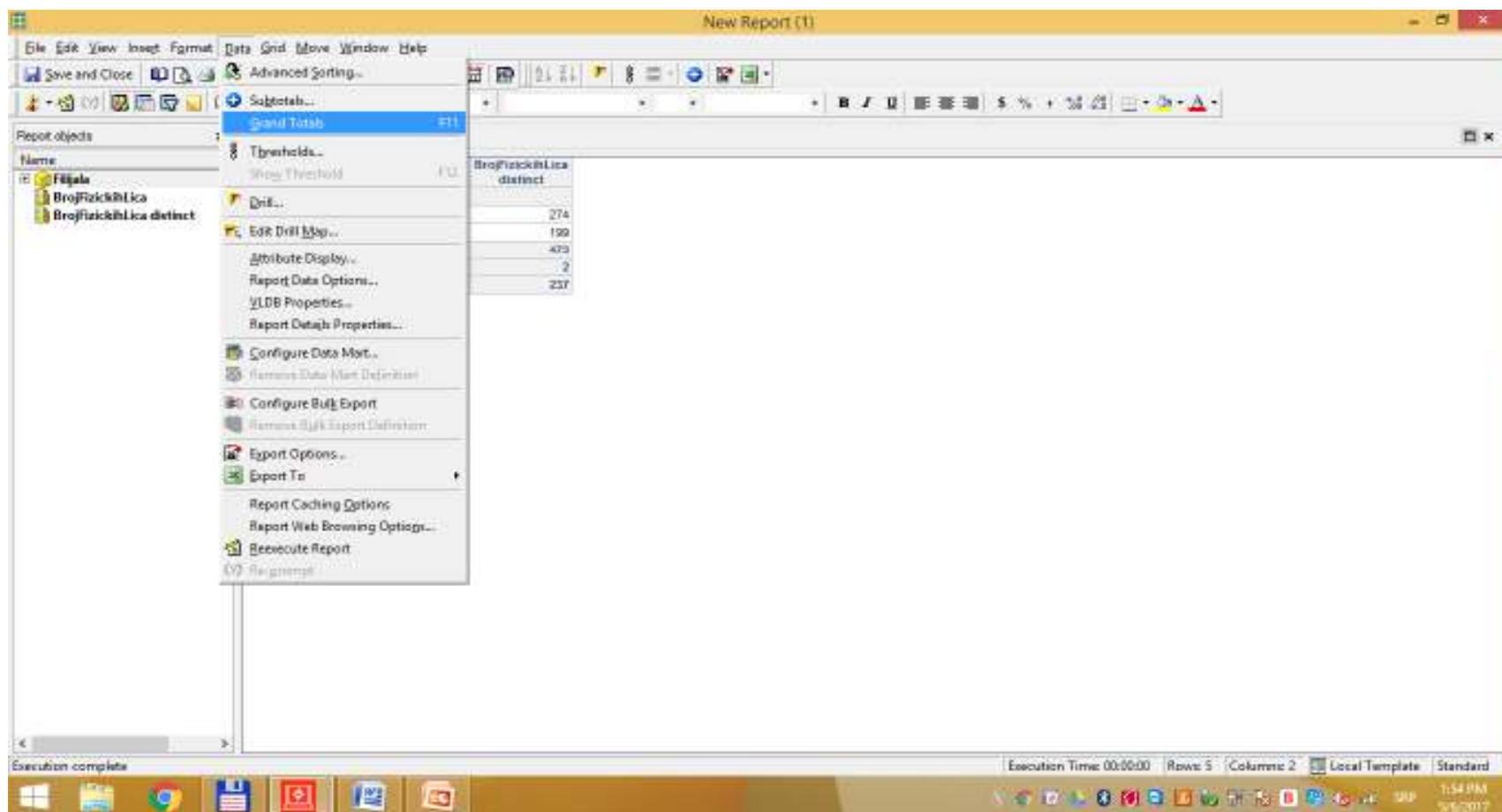
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with subtotals and totals. The table has three columns: "Prijela", "BrojFizickihLica", and "BrojFizickihLica distinct". The rows include "Prijela", "OF Novi Sad", "OF Subotica", "Total", "Count", and "Average".

	BrojFizickihLica	BrojFizickihLica distinct
Prijela		
OF Novi Sad	400	274
OF Subotica	260	199
Total	660	473
Count	2	2
Average	330	237

Execution complete Execution Time: 00:00:00 Rows: 5 Columns: 2 Local Template Standard 11:52 PM 3/6/2017

Totals-Subtotals

Subtotals-Totals



The screenshot displays a software window titled "New Report (1)". The interface includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with icons for saving, sorting, and other report functions, and a left-hand pane for "Report objects".

The "Report objects" pane lists:

- File
- BrojFizickihLica
- BrojFizickihLica distinct

A context menu is open over the "BrojFizickihLica distinct" object. The menu items are:

- Subtotals... (highlighted)
- Grand Totals #11
- Thresholds...
- Show Threshold
- Drill...
- Edit Drill Map...
- Distribute Display...
- Report Data Options...
- YLD Properties...
- Report Details Properties...
- Configure Data Mart...
- Remove Data Mart Definition
- Configure Bulk Export
- Remove Bulk Export Definition
- Export Options...
- Export To...
- Report Caching Options
- Report Web Browsing Options...
- Reexecute Report
- Refresh

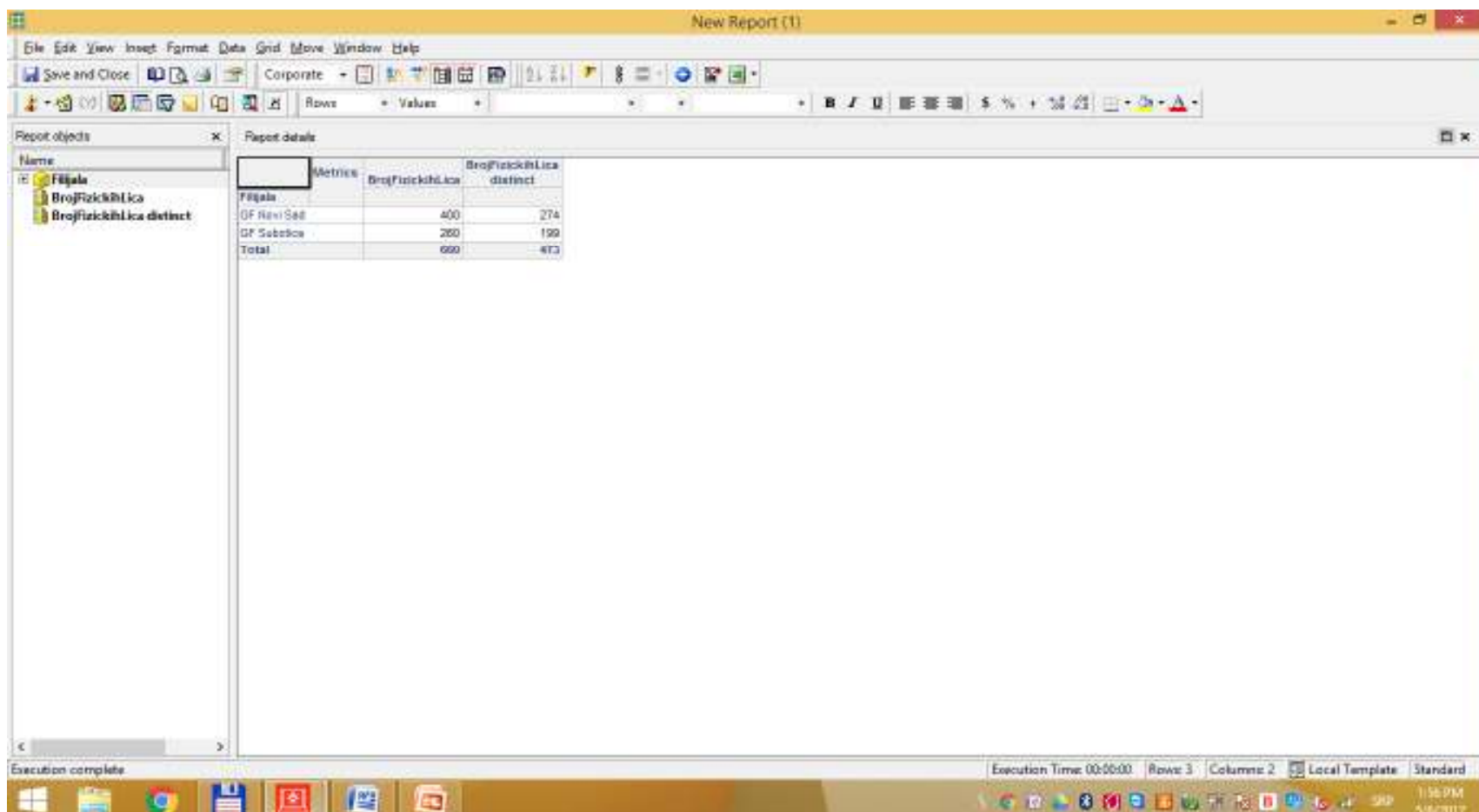
The main report area displays a table with the following data:

BrojFizickihLica distinct
274
199
473
2
237

The status bar at the bottom indicates "Execution complete", "Execution Time 00:00:00", "Rows: 5", "Columns: 2", "Local Template", and "Standard". The system clock shows "1:54 PM 3/6/2017".

Totals-Subtotals

Subtotals-Totals



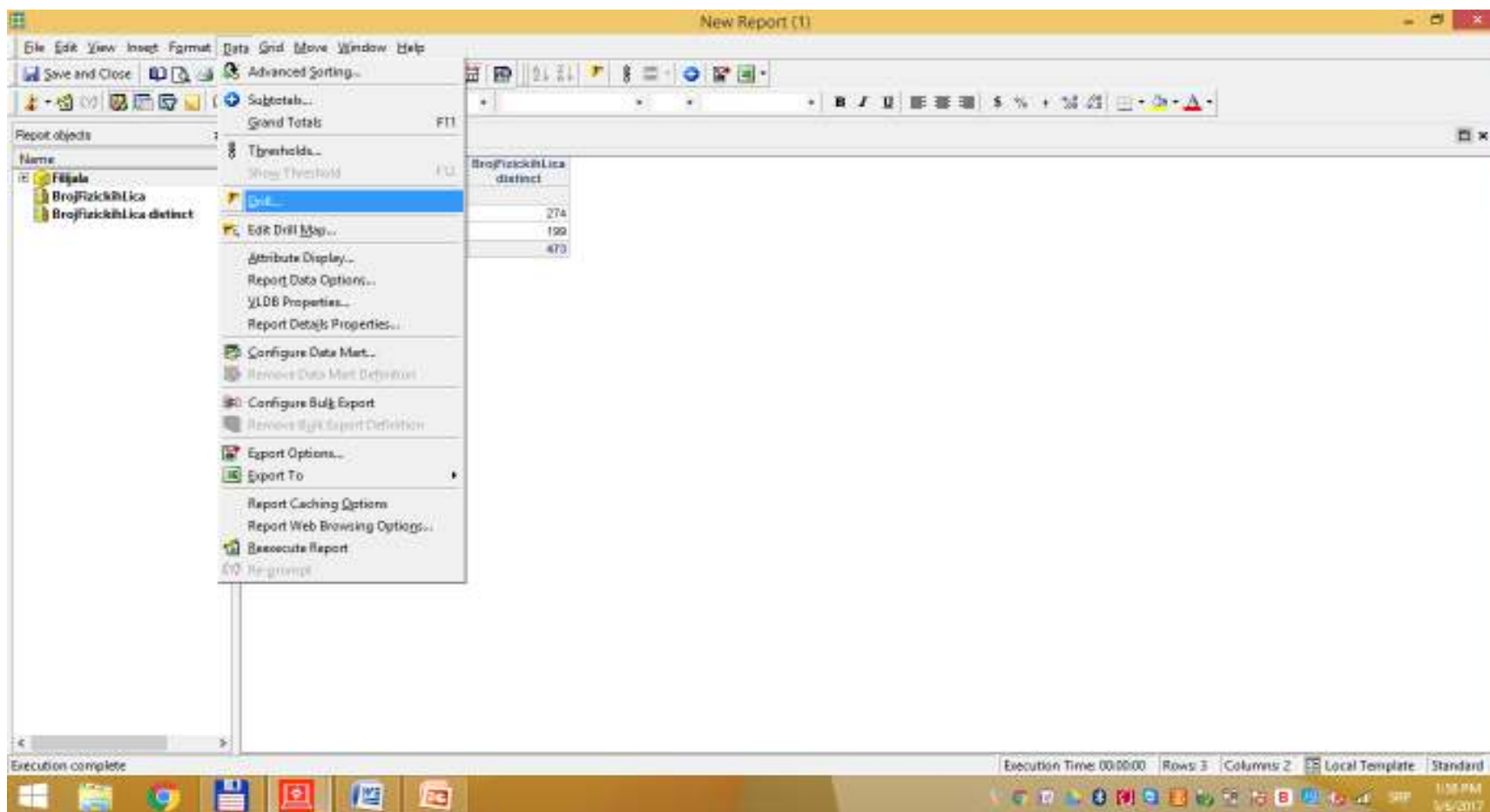
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with the following data:

	Measures	BrojPisickihLica	BrojPisickihLica distinct
Prijela			
OF Novi Sad		400	274
GP Subotica		260	199
Total		660	473

The status bar at the bottom indicates "Execution complete", "Execution Time: 00:00:00", "Rows: 3", "Columns: 2", "Local Template: Standard", and the time "1:56 PM".

Totals-Subtotals-Drill down/Drill up

Subtotals-Totals



The screenshot shows a report viewer window titled "New Report (1)". The menu is open, showing options for "Subtotals...", "Grand Totals", "Thresholds...", "Drill...", "Edit Drill Map...", "Attribute Display...", "Report Data Options...", "YLD Properties...", "Report Details Properties...", "Configure Data Mart...", "Review Data Mart Definition", "Configure Bulk Export", "Review Bulk Export Definition", "Export Options...", "Export To", "Report Caching Options", "Report Web Browsing Options...", "Execute Report", and "Regenerate".

The report data is displayed in a table with the following content:

BrojFizickihLica distinct
274
199
470

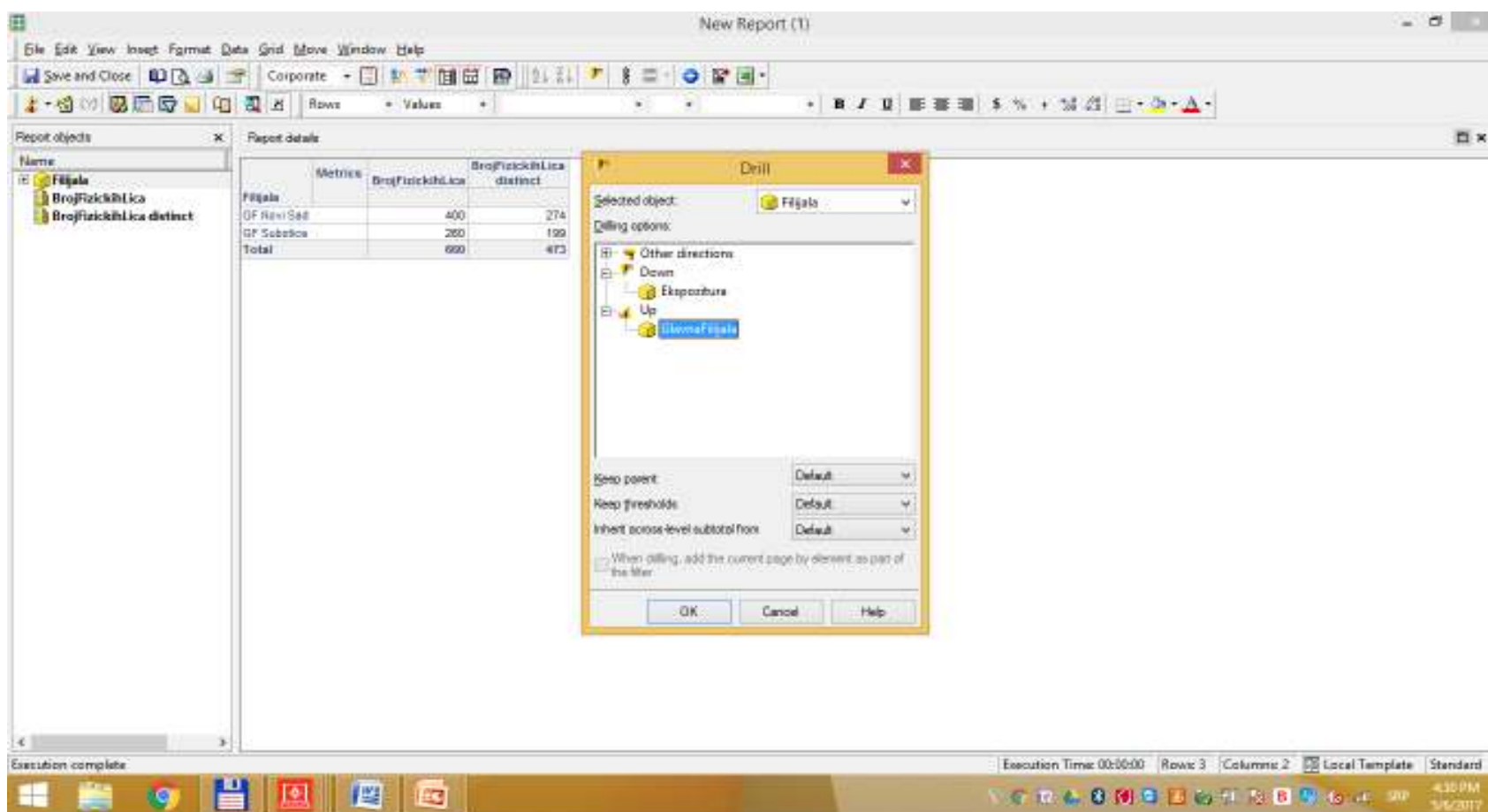
Execution complete

Execution Time: 00:00:00 Rows: 3 Columns: 2 Local Template: Standard

1:58 PM 1/4/2017

Totals-Subtotals-Drill down/Drill up

Subtotals-Totals



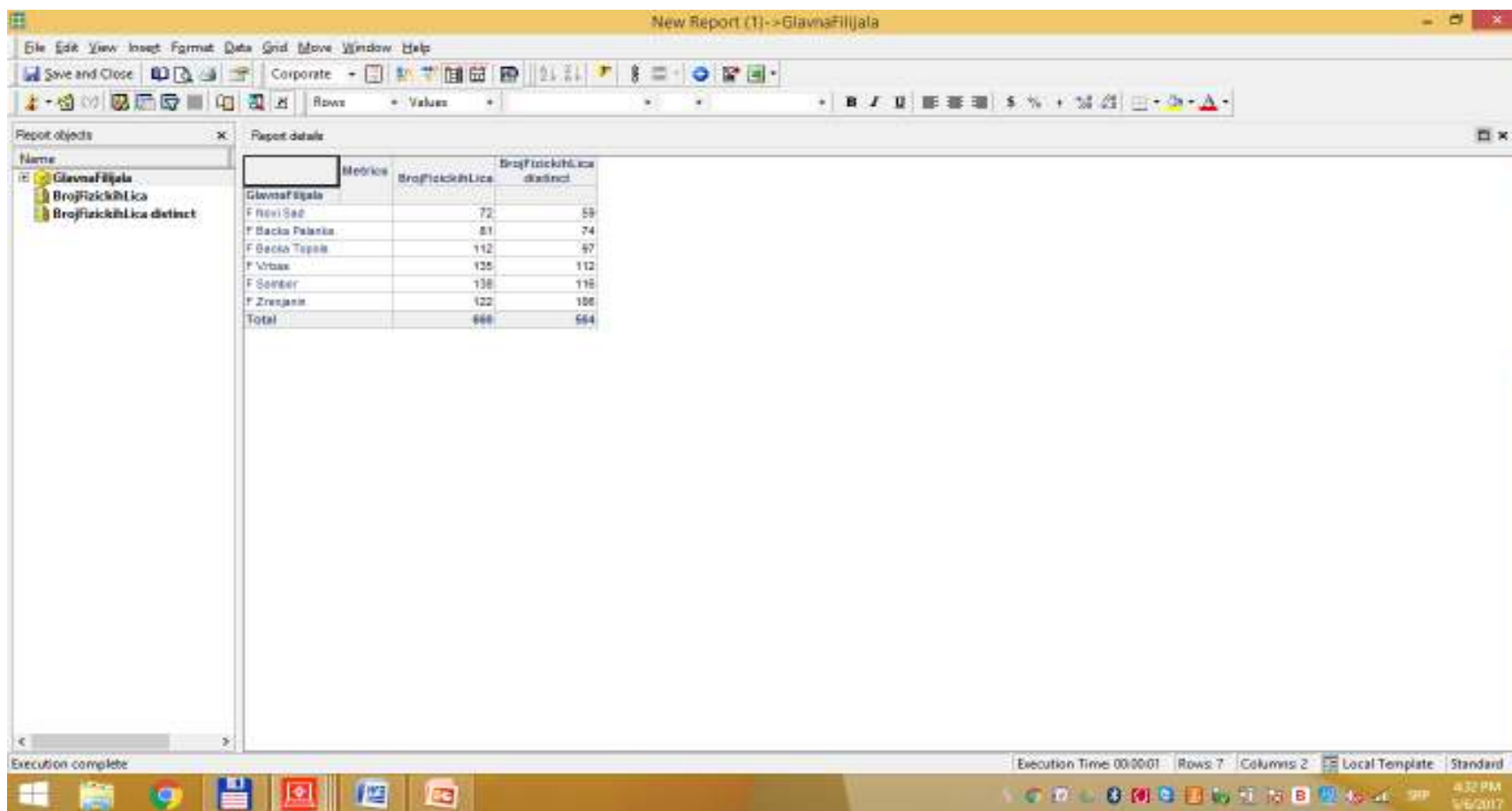
The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with subtotals. The table has three columns: "Metric", "BrojFizickihLica", and "BrojFizickihLica distinct". The rows are: "Fizika", "OF Rani Sed", "OF Subotica", and "Total". The values for "BrojFizickihLica" are 400, 260, and 660 respectively. The values for "BrojFizickihLica distinct" are 274 and 473 respectively.

Metric	BrojFizickihLica	BrojFizickihLica distinct
Fizika		
OF Rani Sed	400	274
OF Subotica	260	199
Total	660	473

A "Drill" dialog box is open, showing the selected object "Fizika". The "Drilling options" section shows "Other directions" with "Down" and "Up" options. The "Keep parent" option is checked. The "Keep thresholds" and "Inherit across-level subtotal from" options are set to "Default". The "When drilling, add the current page by default as part of the filter" checkbox is unchecked. The "OK", "Cancel", and "Help" buttons are at the bottom.

Totals-Subtotals-Drill down/Drill up

Subtotals-Totals



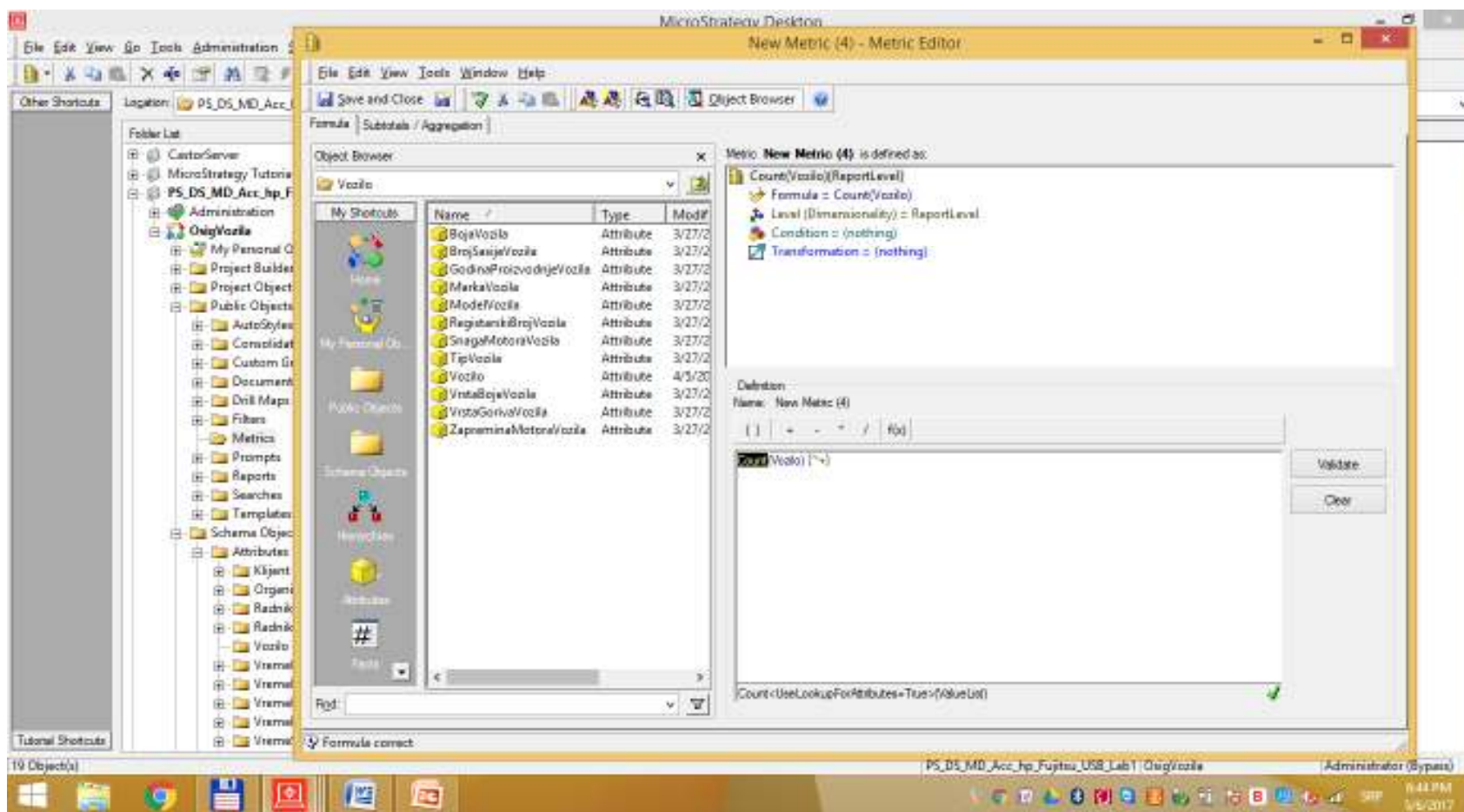
The screenshot shows a report viewer window titled "New Report (1)->GlavnaFilijala". The report displays a table with the following data:

GlavnaFilijala	BrojFizickihLica	BrojFizickihLica distinct
F Novi Sad	72	59
F Backa Palanka	81	74
F Backa Topola	112	97
F Vrbas	135	112
F Sember	138	116
F Zrenjanin	122	106
Total	660	564

The report viewer includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar with various icons, and a status bar at the bottom showing "Execution complete", "Execution Time 00:00:01", "Rows: 7", "Columns: 2", "Local Template", and "Standard". The system clock in the bottom right corner shows "4:32 PM 1/6/2017".

Distinct

Distinct



MicroStrategy Desktop - New Metric (4) - Metric Editor

Formula Subtotals / Aggregation

Object Browser

Name	Type	Mod#
BojaVozila	Attribute	3/27/2
BrojSasijeVozila	Attribute	3/27/2
GodinaProizvodnjeVozila	Attribute	3/27/2
MarkaVozila	Attribute	3/27/2
ModelVozila	Attribute	3/27/2
RegistracijaBrojVozila	Attribute	3/27/2
SnagaMotoraVozila	Attribute	3/27/2
TipVozila	Attribute	3/27/2
Vozilo	Attribute	4/3/20
VrstaBojeVozila	Attribute	3/27/2
VrstaGorivaVozila	Attribute	3/27/2
ZapreminaMotoraVozila	Attribute	3/27/2

Metric: New Metric (4) is defined as:

- Count(Vozilo)(ReportLevel)
- Formula = Count(Vozilo)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition:

Name: New Metric (4)

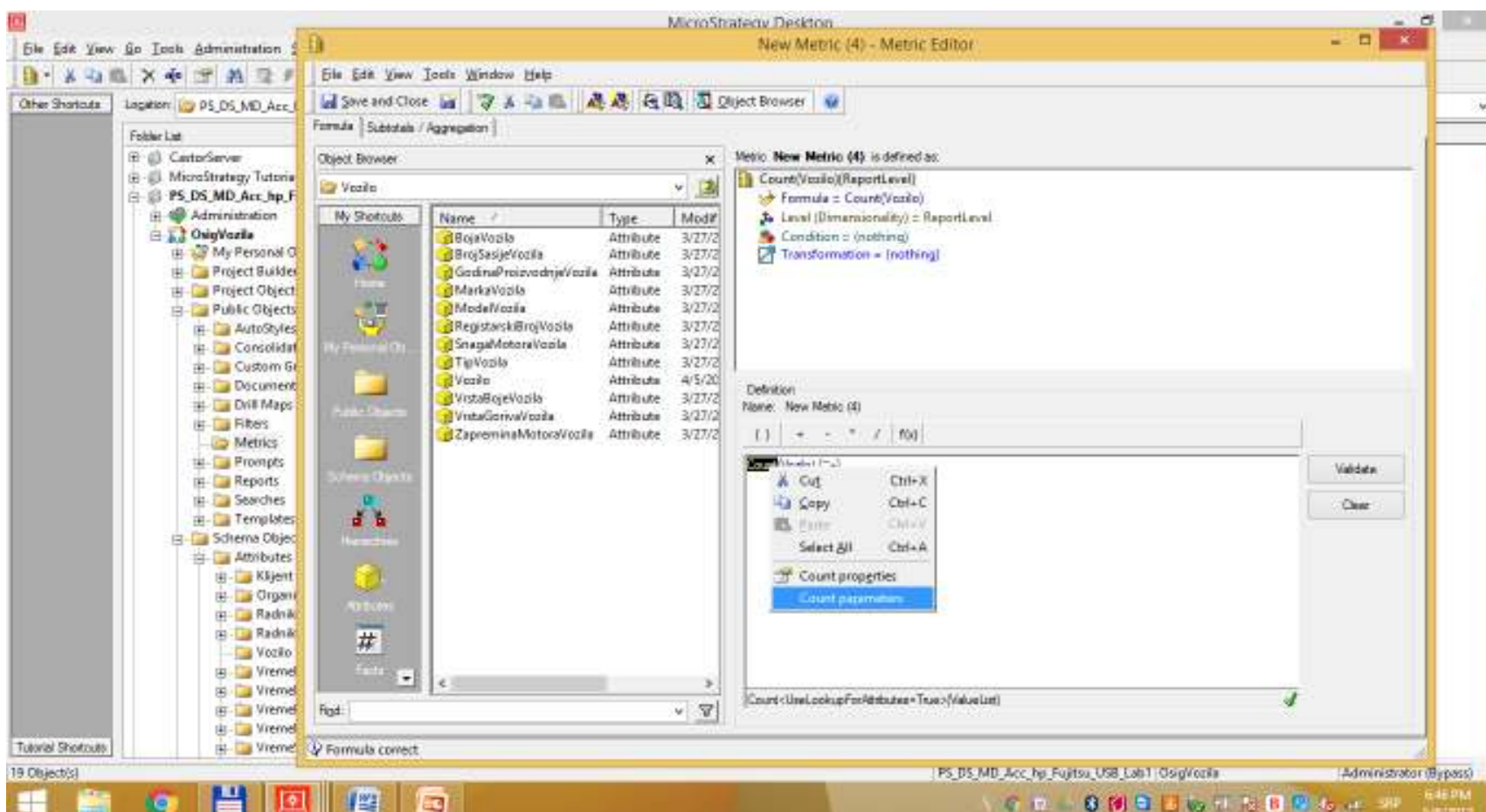
Formula: Count(Vozilo) [1+]

Count < UseLookupForAttributes = True > (Value List)

Formula correct

Distinct

Distinct



MicroStrategy Desktop
New Metric (4) - Metric Editor

File Edit View Tools Administration Help

Save and Close Object Browser

Formula Subtotals / Aggregation

Object Browser

Vozilo

Name	Type	Mod#
BojaVozila	Attribute	3/27/2
BrojSasijeVozila	Attribute	3/27/2
GodinaProizvodnjeVozila	Attribute	3/27/2
MarkaVozila	Attribute	3/27/2
ModelVozila	Attribute	3/27/2
RegistrarskiBrojVozila	Attribute	3/27/2
SnagaMotoraVozila	Attribute	3/27/2
TipVozila	Attribute	3/27/2
Vozila	Attribute	4/5/20
VistaBojeVozila	Attribute	3/27/2
VistaGornjaVozila	Attribute	3/27/2
ZapreminaMotoraVozila	Attribute	3/27/2

Metric: New Metric (4) is defined as:

- Count(Vozilo)(ReportLevel)
- Formula = Count(Vozilo)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition

Name: New Metric (4)

[] + - * / %()

Validate

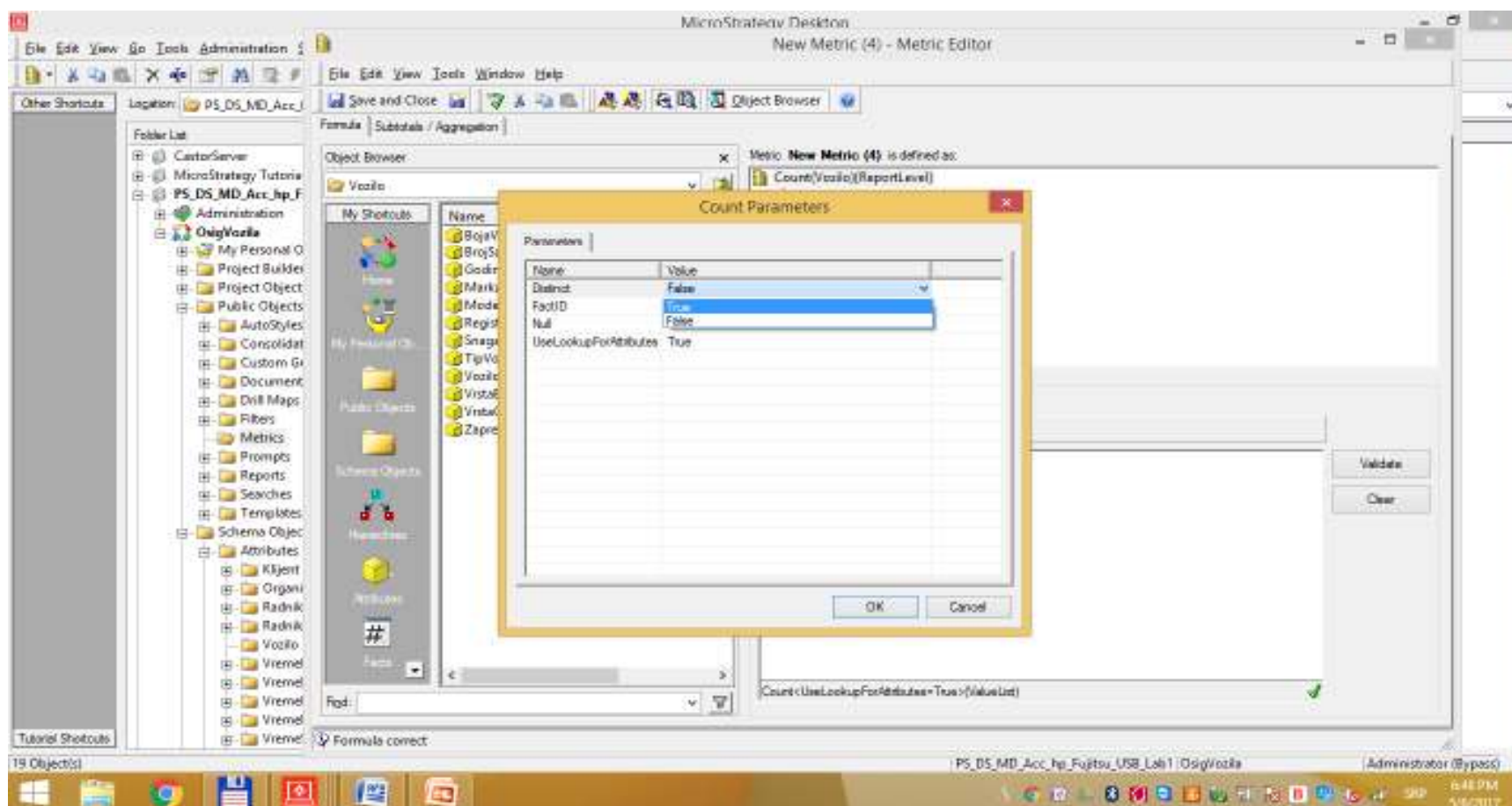
Clear

Count <UseLookupForAttributes> True <Value List>

Formula correct.

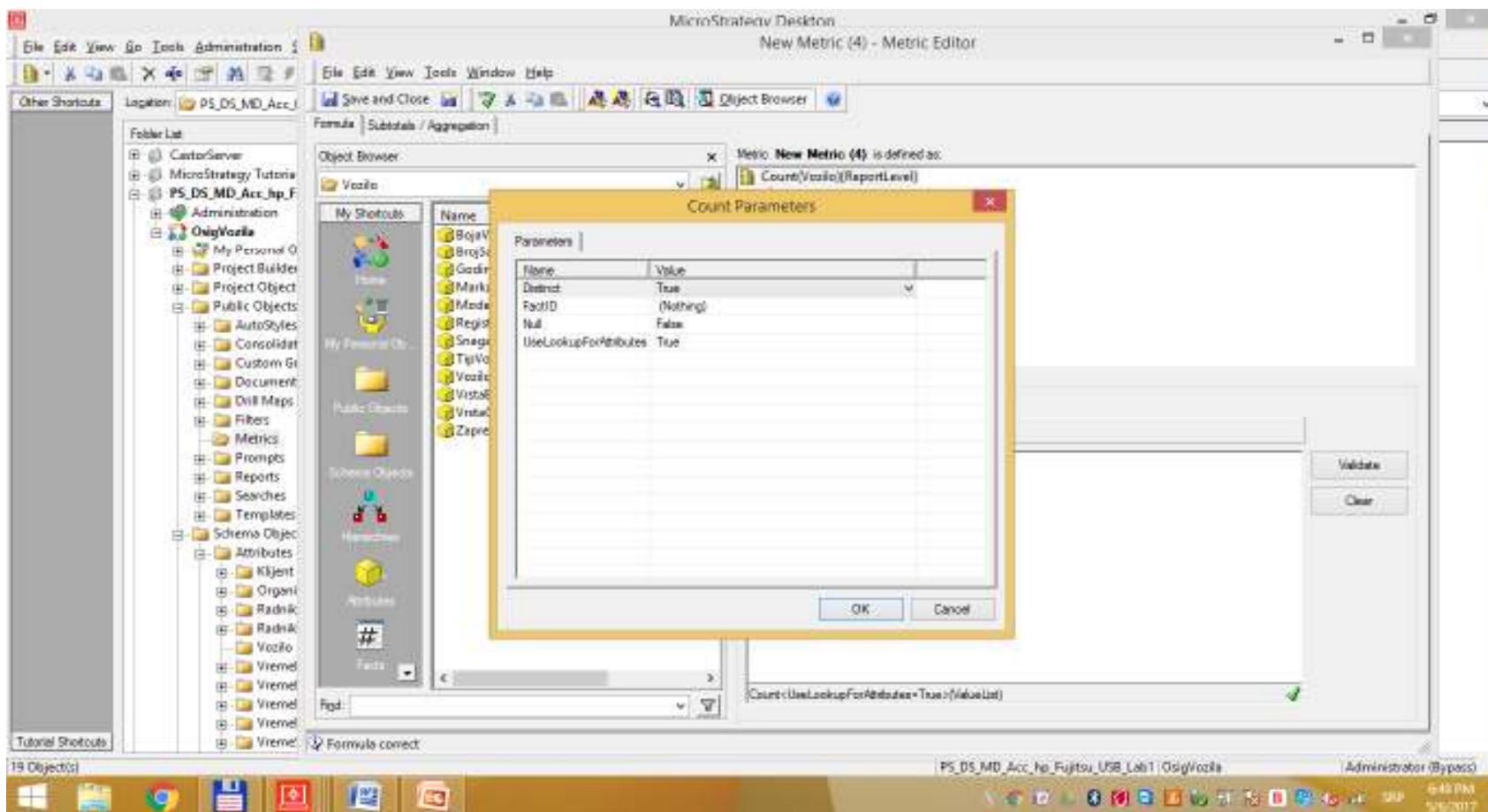
Distinct

Distinct



Distinct

Distinct



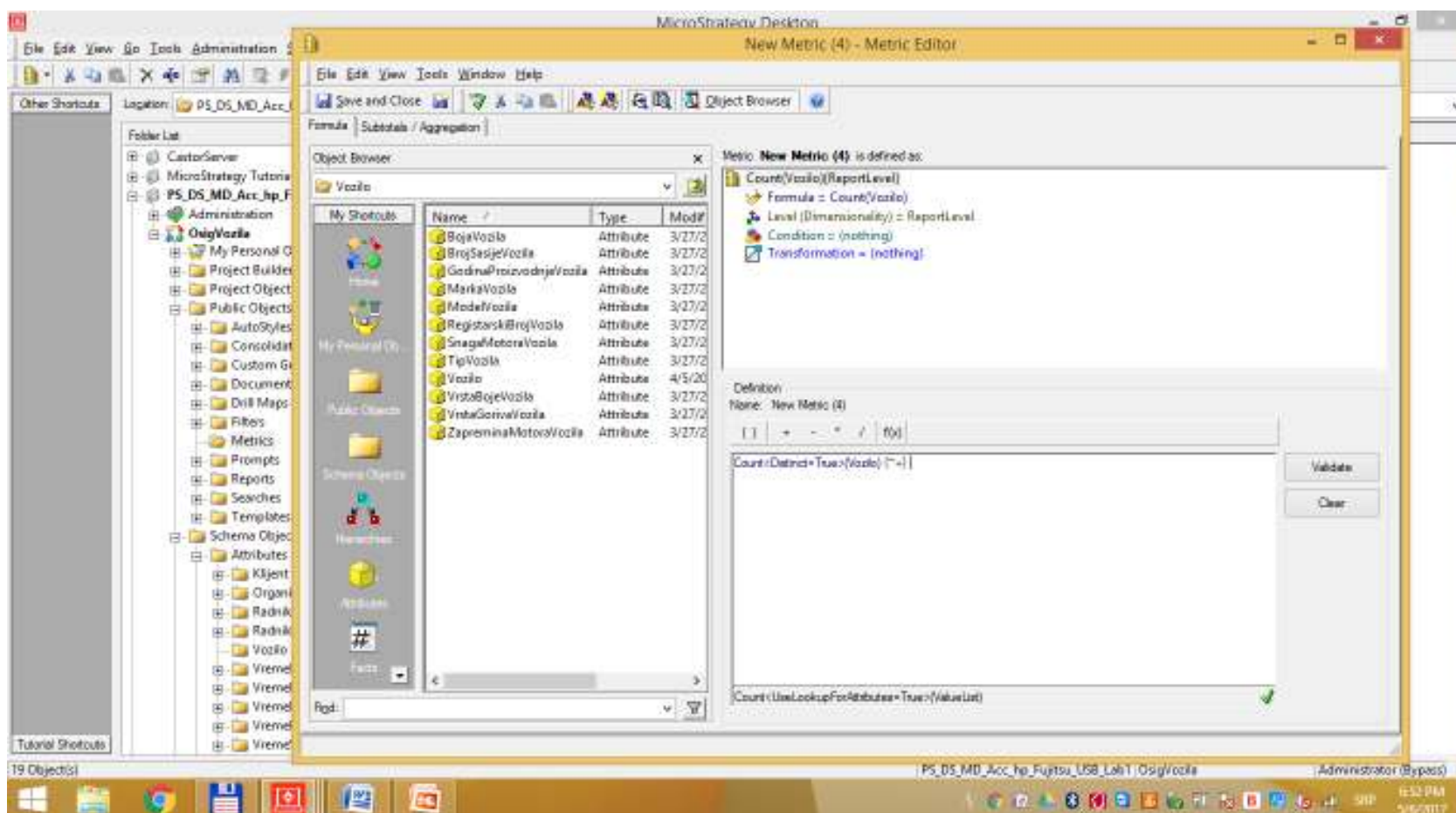
The screenshot displays the MicroStrategy Desktop interface. The main window is titled "New Metric (4) - Metric Editor". The "Formula" tab is selected, showing the formula `Count(Vozilo)(ReportLevel)`. A "Count Parameters" dialog box is open, showing the following parameters:

Parameter	Value
Distinct	True
FactID	(Nothing)
Null	False
UseLookupForAttributes	True

The dialog box has "OK" and "Cancel" buttons. The "Validate" and "Clear" buttons are also visible in the bottom right corner of the Metric Editor window. The status bar at the bottom indicates "Formula correct".

Distinct

Distinct



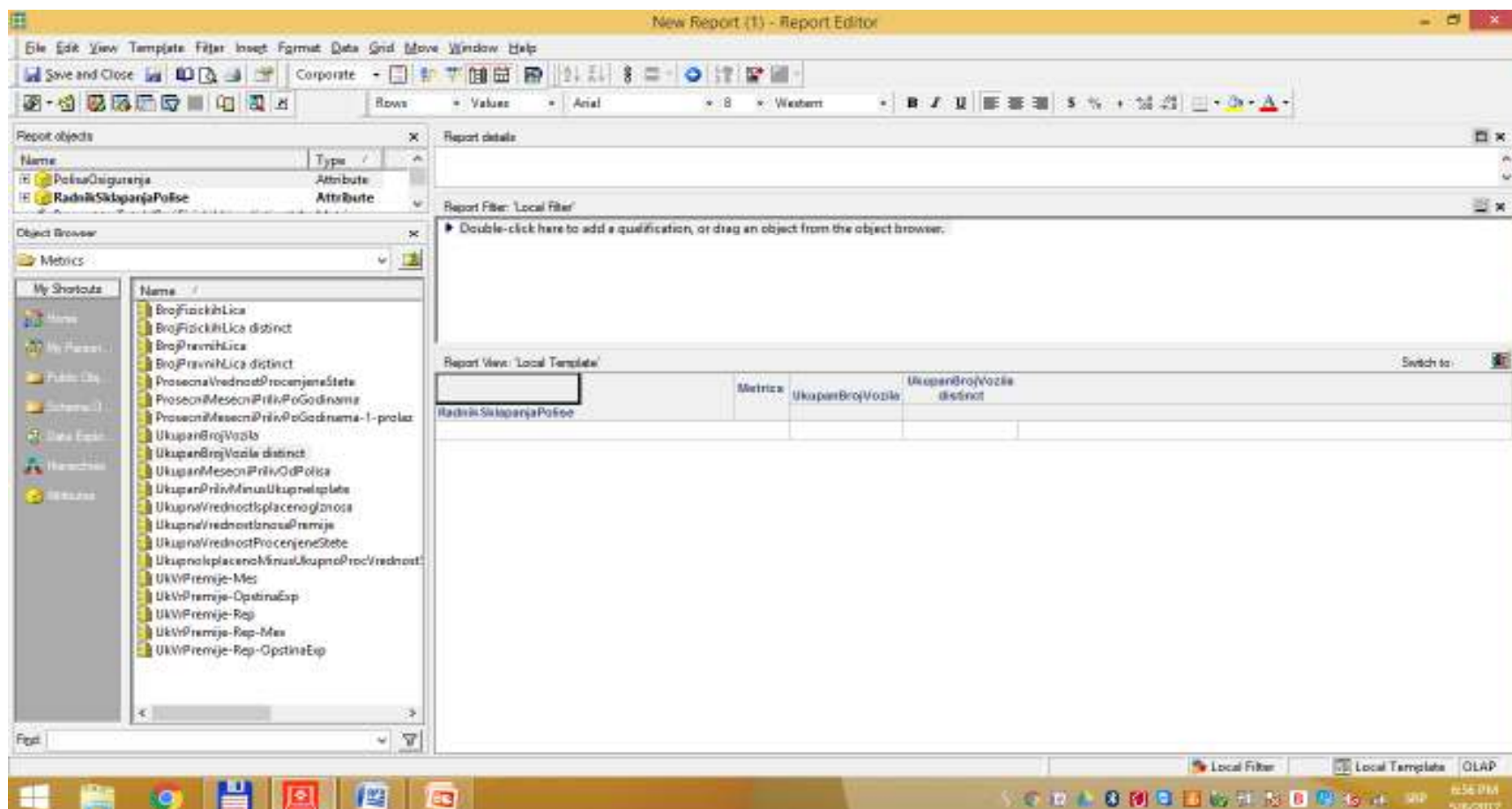
The screenshot displays the MicroStrategy Desktop interface with the 'New Metric (4) - Metric Editor' window open. The 'Formula' tab is selected, showing the formula `Count(Vozilo)(ReportLevel)`. The 'Definition' section shows the formula `Count > Distinct = True > (Vozilo) [-] |`. The 'Object Browser' window is also open, showing a list of objects under the 'Vozilo' folder.

Name	Type	Mod#
BojaVozila	Attribute	3/27/2
BrojSasijeVozila	Attribute	3/27/2
GodinaProizvodnjeVozila	Attribute	3/27/2
MarkaVozila	Attribute	3/27/2
ModelVozila	Attribute	3/27/2
RegistrarskiBrojVozila	Attribute	3/27/2
SnagaMotoraVozila	Attribute	3/27/2
TipVozila	Attribute	3/27/2
Vozila	Attribute	4/5/20
VrstaBojeVozila	Attribute	3/27/2
VrstaGorivaVozila	Attribute	3/27/2
ZapreminaMotoraVozila	Attribute	3/27/2

The status bar at the bottom indicates 19 Objects.

Distinct

Distinct



Distinct

Distinct

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

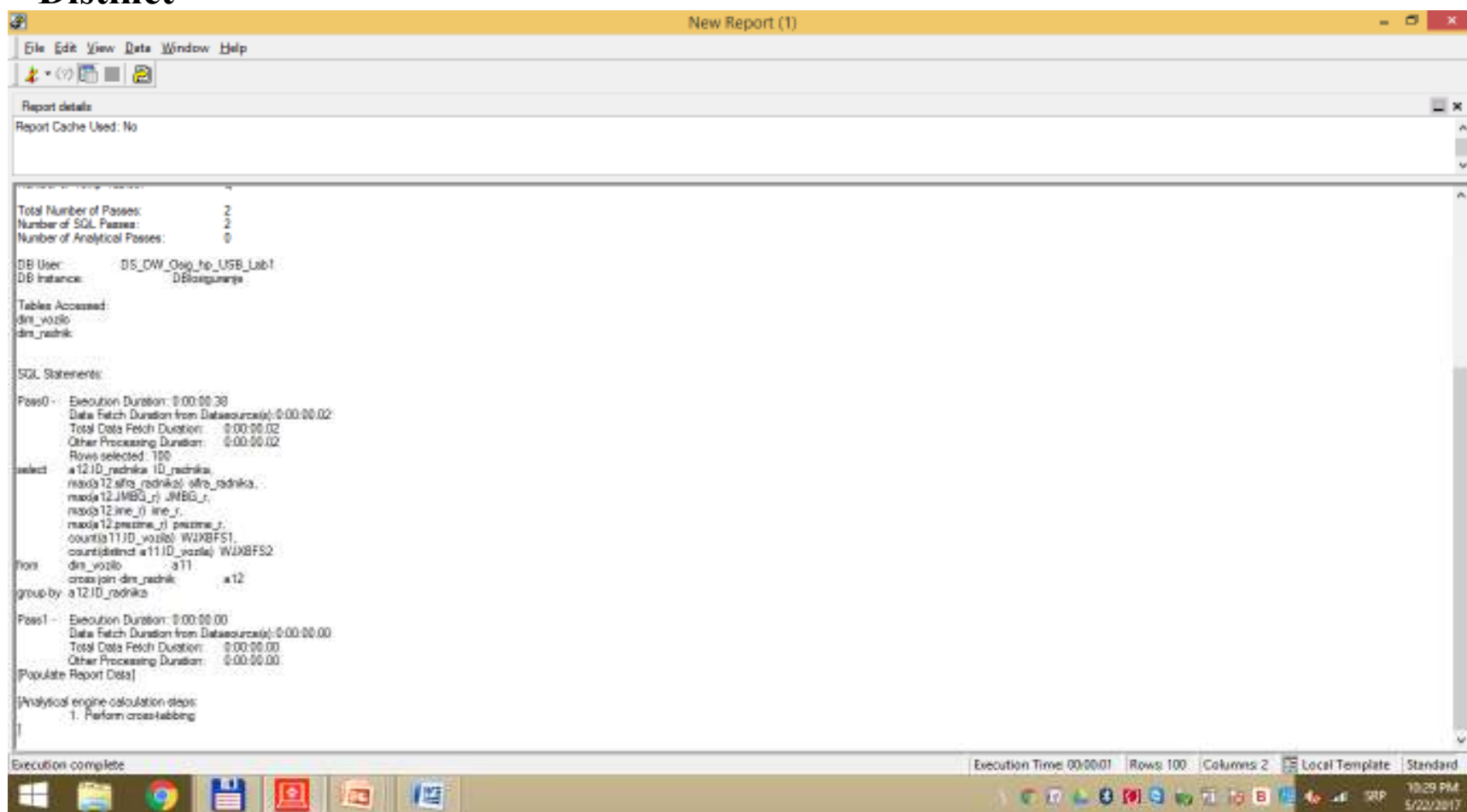
Name: RadnikSkupina UkupanBrojV UkupanBrojV

					Metriks	UkupanBrojVozila	UkupanBrojVozila distinct
1	100100	2103957505079	Petar	Petrovic		749	749
2	100101	3108965292901	Lazar	Lazarevic		749	749
3	100102	1201950909010	Ema	Tot		749	749
4	100103	1101969202031	Iva	Ras		749	749
5	100104	1504980202030	Rada	Radic		749	749
6	100105	1607981303021	Marko	Markovic		749	749
7	100106	1908983909021	Sima	Simic		749	749
8	100107	3108984505031	Dragana	Dragic		749	749
9	100108	2902977303229	Marina	Maric		749	749
10	100109	1612979202087	Milan	Milanovic		749	749
11	100201	2304980505000	Sanja	Stojicic		749	749
12	100202	2305981505001	Marina	Radic		749	749
13	100203	1001954101000	Dragana	Maric		749	749
14	100204	1101964101001	Biljana	Jugovic		749	749
15	100205	1303984101002	Jelena	Vukovic		749	749
16	100206	1101964101003	Ivana	Jugo		749	749
17	100207	1101974101004	Maja	Tumbas		749	749
18	100208	1002972500500	Sonja	Trninic		749	749
19	100209	1102972500501	Sanja	Bodnjak		749	749
20	100210	1302982500502	Vanja	Rodic		749	749
21	100211	1402982500503	Tanja	IvanicUevic		749	749
22	100212	1502982500504	Ivo	Vrdoljak		749	749
23	100213	1602984500505	Petar	Petrovic		749	749
24	100214	1702983500506	Sima	Dukic		749	749
25	100215	1802982500507	Dragan	Vukovic		749	749
26	100216	1902981500508	Viktor	Trojak		749	749
27	100217	2002982500509	Nenad	Zimak		749	749
28	100218	2102976500510	Branko	Brankovic		749	749
29	100219	2202976500511	Borje	Borkovic		749	749

Execution complete Execution Time: 00:00:01 Rows: 100 Columns: 2 Local Template Standard

Distinct

Distinct



The screenshot displays a SQL report window titled "New Report (1)". The window includes a menu bar (File, Edit, View, Data, Window, Help) and a toolbar. Below the toolbar is a "Report details" section showing "Report Cache Used: No". The main content area displays the following information:

Report details

Report Cache Used: No

Statistics

Total Number of Passes: 2
Number of SQL Passes: 2
Number of Analytical Passes: 0

DB User: DS_CW_Osp_ho_USB_Lab1
DB Instance: D800guranja

Tables Accessed:
dim_vozilo
dim_radnik

SQL Statements:

Pass0 - Execution Duration: 0:00:00.38
Data Fetch Duration from Data source(s): 0:00:00.02
Total Data Fetch Duration: 0:00:00.02
Other Processing Duration: 0:00:00.02
Rows selected: 100

```
select
  a12.ID_radnika ID_radnika,
  max(a12.sifra_radnika) sifra_radnika,
  max(a12.JMBG_r) JMBG_r,
  max(a12.ime_r) ime_r,
  max(a12.prezime_r) prezime_r,
  count(a11.ID_vozila) WJXBFS1,
  count(distinct a11.ID_vozila) WJXBFS2
from
  dim_vozila a11,
  cross join dim_radnik a12
group by
  a12.ID_radnika
```

Pass1 - Execution Duration: 0:00:00.00
Data Fetch Duration from Data source(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.00

[Populate Report Data]

[Analytical engine calculation steps]

1. Perform cross tabbing

Execution complete

Execution Time: 00:00:01 Rows: 100 Columns: 2 Local Template Standard

10:29 PM 5/22/2017



Distinct

Distinct

```
-----
Total Number of Passes:                2
Number of SQL Passes:                  2
Number of Analytical Passes:           0

DB User:                               DS_DW_Osig_hp_USB_Lab1
DB Instance:                           DBosiguranje

Tables Accessed:
dim_vozilo
dim_radnik

SQL Statements:

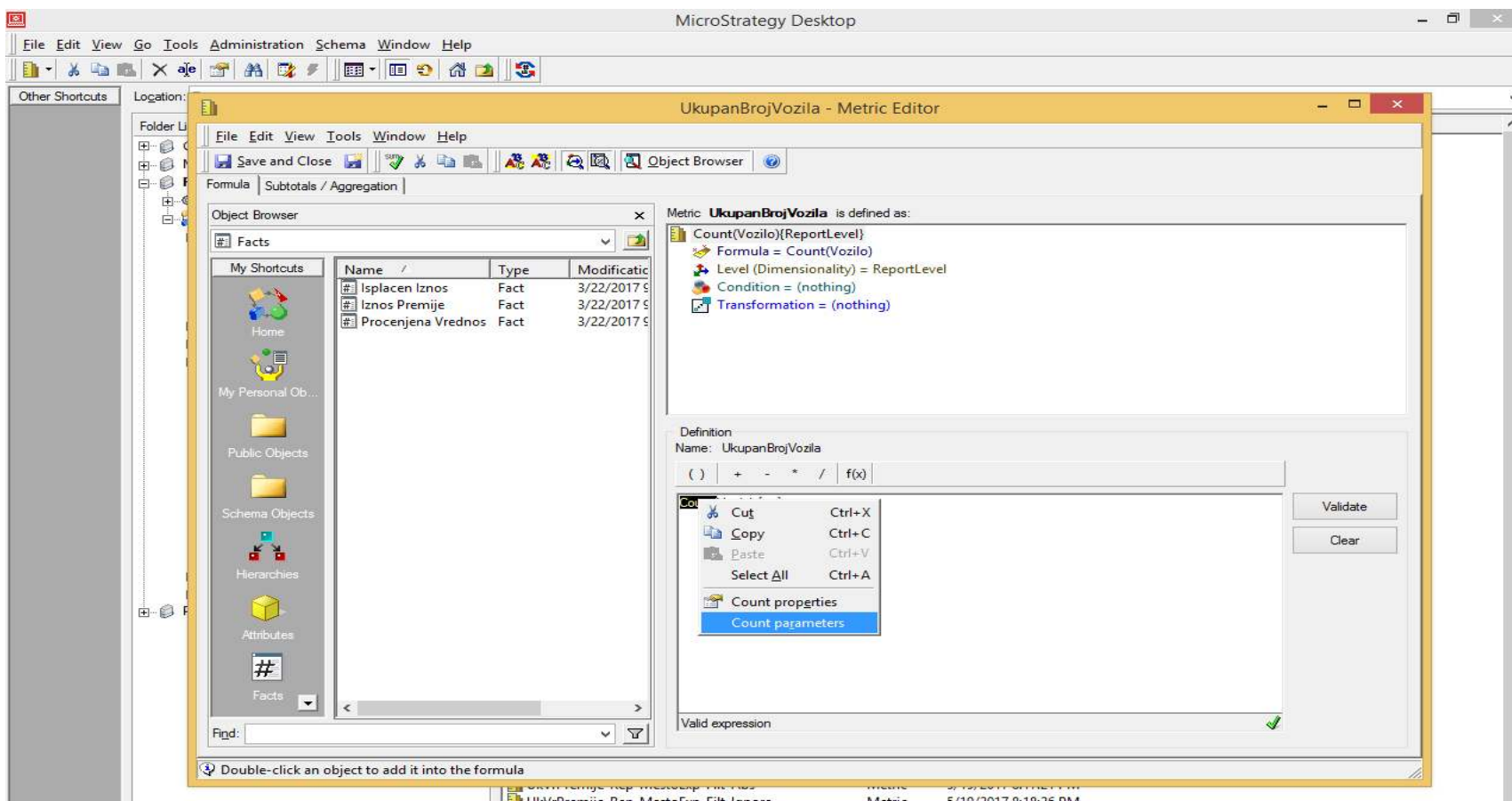
Pass0 - Execution Duration: 0:00:00.38
        Data Fetch Duration from Datasource(s): 0:00:00.02
        Total Data Fetch Duration:      0:00:00.02
        Other Processing Duration:      0:00:00.02
        Rows selected: 100
select  a12.ID_radnika ID_radnika,
        max(a12.sifra_radnika) sifra_radnika,
        max(a12.JMBG_r) JMBG_r,
        max(a12.ime_r) ime_r,
        max(a12.prezime_r) prezime_r,
        count(a11.ID_vozila) WJXBFS1,
        count(distinct a11.ID_vozila) WJXBFS2
from    dim_vozilo a11
        cross join dim_radnik a12
group by a12.ID_radnika

Pass1 - Execution Duration: 0:00:00.00
        Data Fetch Duration from Datasource(s): 0:00:00.00
        Total Data Fetch Duration:      0:00:00.00
        Other Processing Duration:      0:00:00.00
[Populate Report Data]

[Analytical engine calculation steps:
 1. Perform cross-tabbing
]
```

Distinct

Distinct



The screenshot displays the MicroStrategy Desktop interface. The main window is titled "UkupanBrojVozila - Metric Editor". The left sidebar shows the "Object Browser" with a tree view containing "Facts", "My Shortcuts", "My Personal Ob...", "Public Objects", "Schema Objects", "Hierarchies", "Attributes", and "Facts". The "Facts" section is expanded, showing a table of facts:

Name	Type	Modification
Isplacen Iznos	Fact	3/22/2017 9
Iznos Premije	Fact	3/22/2017 9
Procenjena Vrednos	Fact	3/22/2017 9

The right pane shows the metric definition for "UkupanBrojVozila":

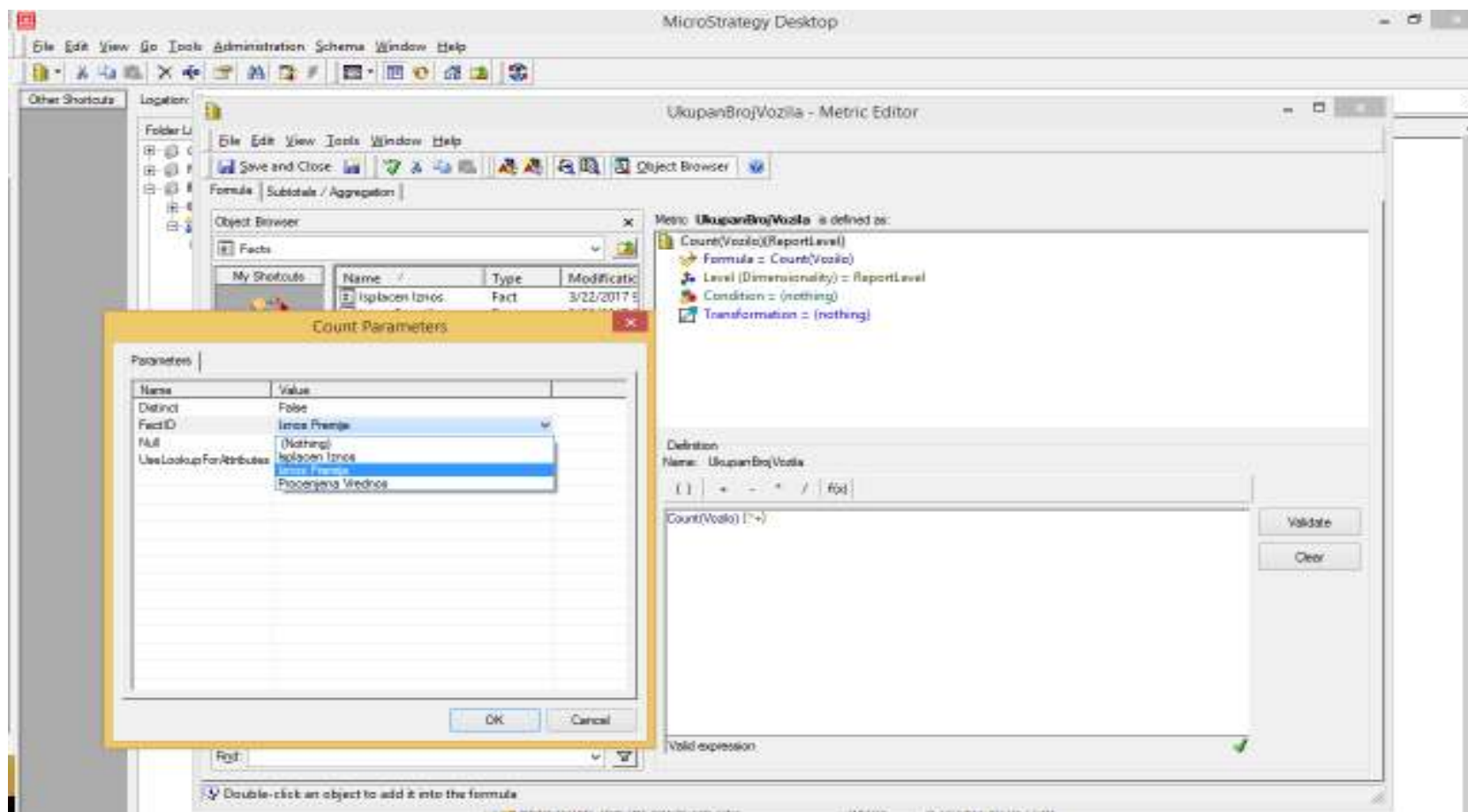
Metric: **UkupanBrojVozila** is defined as:

- Count(Vozilo){ReportLevel}
- Formula = Count(Vozilo)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Below the definition, there is a "Definition" section with the name "UkupanBrojVozila" and a formula editor. A context menu is open over the formula editor, showing options: Cut (Ctrl+X), Copy (Ctrl+C), Paste (Ctrl+V), Select All (Ctrl+A), Count properties, and Count parameters. The "Valid expression" field at the bottom right shows a green checkmark.

Distinct

Distinct



The screenshot displays the MicroStrategy Desktop interface. The main window is the 'UkupanBrojVozila - Metric Editor'. The 'Formula' tab is active, showing the formula 'Count(Vozilo)' and its properties: 'Level (Dimensionality) = ReportLevel', 'Condition = (nothing)', and 'Transformation = (nothing)'. The 'Definition' section shows the metric name 'UkupanBrojVozila' and the formula 'Count(Vozila) [*+]', which is marked as a 'Valid expression'.

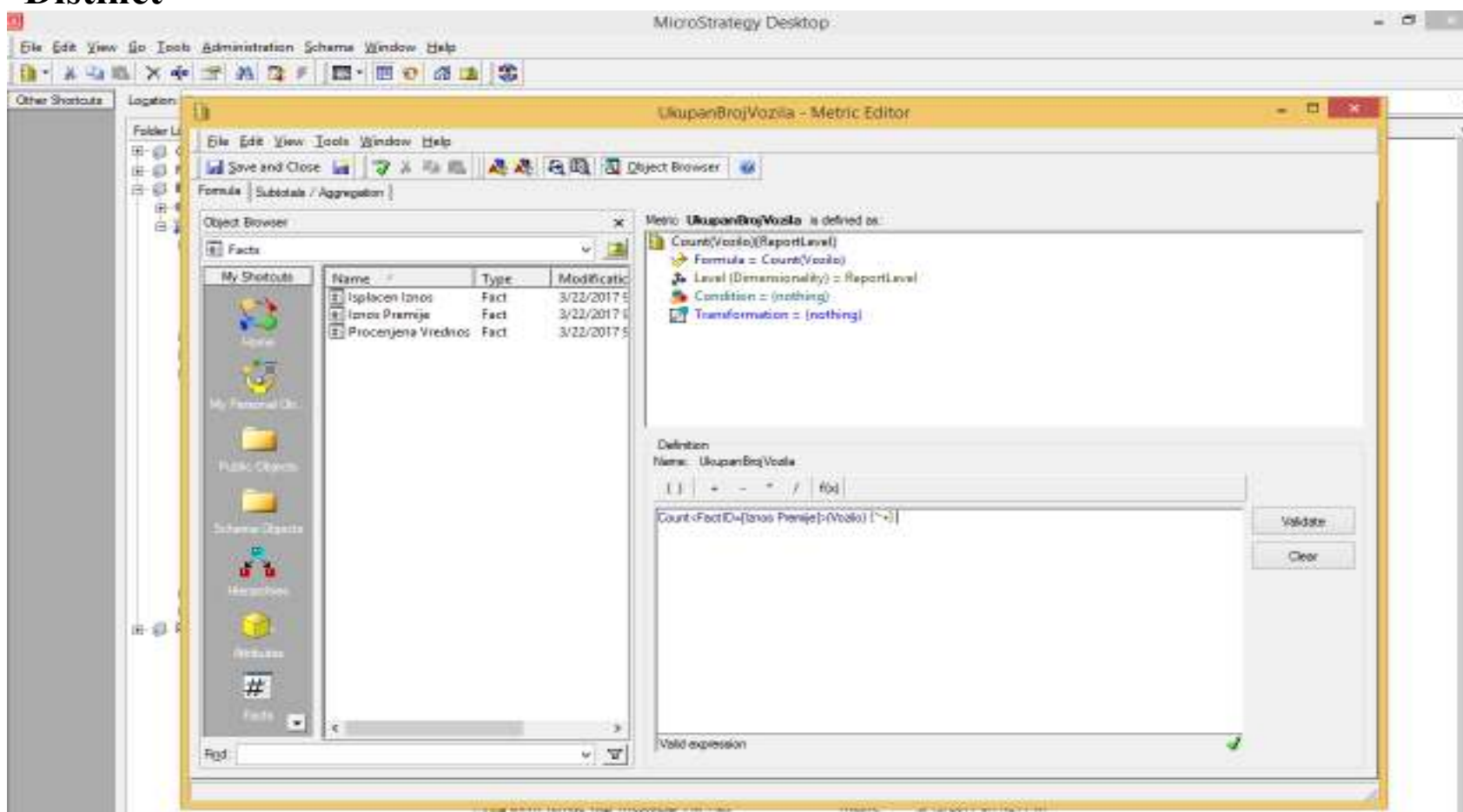
Overlaid on the Metric Editor is the 'Count Parameters' dialog box. It contains a table with the following data:

Name	Value
Distinct	False
FactID	Izposred Iznos
Null	(Nothing)
UseLookupForAttributes	Izposred Iznos
	Izposred
	Prosejana Vrednos

The 'Count Parameters' dialog box has 'OK' and 'Cancel' buttons at the bottom.

Distinct

Distinct



Distinct

Distinct

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

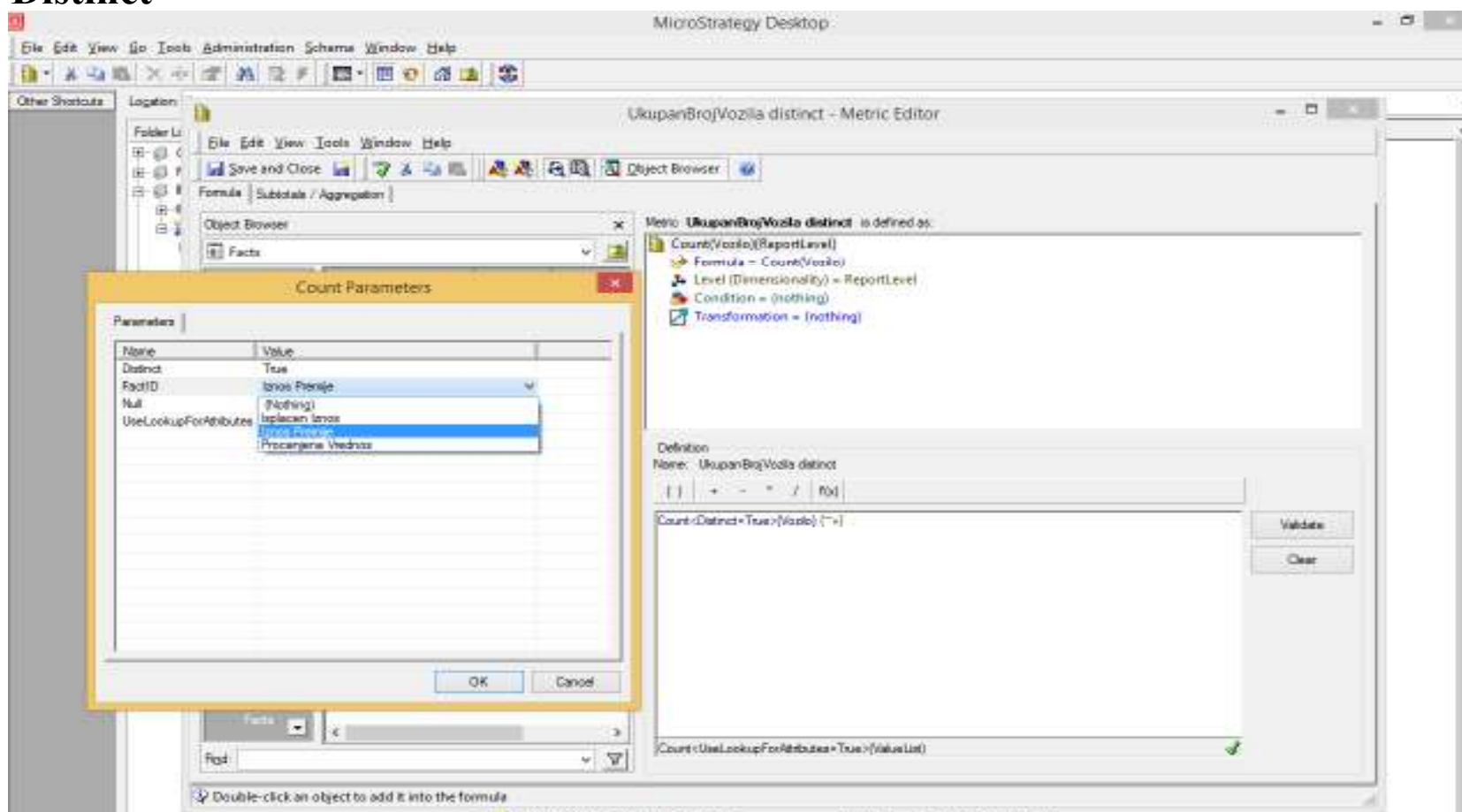
RadnikSklop
UkBrojBojaV
UkupanBrojV

				Meskos	UkBrojBojaVozla	UkupanBrojVozla distinct
1	188188	2103957505078	Petar Petrovic		10	748
2	188181	3100985292901	Lazar Lazarevic		10	748
3	188182	1201950909010	Ema Tel		10	748
4	188183	1101988202031	Iva Ras		10	748
5	188184	1504980202030	Rado Rado		10	748
6	188185	1607981303021	Marko Markovic		9	748
7	188186	1909883909021	Sina Sinic		9	748
8	188187	3100984095031	Dragana Dragoc		9	748
9	188188	2902977303229	Marika Maric		9	748
10	188189	1612979202037	Milica Milosovic		9	748
11	188191	2304980905000	Sorja Stojic		9	748
12	188192	2305981505001	Maria Radic		9	748
13	188193	1001954101000	Dragana Maric		9	748
14	188194	1101984101001	Biljana Jugovic		9	748
15	188195	1303984101002	Jelena Vukovic		9	748
16	188196	1101984101003	Ivana Jugo		4	748
17	188197	1101974101004	Maja Tomicic		4	748
18	188198	1002972500500	Sorja Trnacic		4	748
19	188199	1102972500501	Sorja Bodnjak		4	748
20	188200	1302982500502	Vanja Radic		4	748
21	188201	1402982500503	Tanja Ivanovic		4	748
22	188202	1502982500504	Iva Vrdjak		4	748
23	188203	1602984500505	Petar Petrovic		4	748
24	188204	1702983500506	Sina Dukic		4	748
25	188205	1802982500507	Dragan Vukovic		4	748
26	188206	1902981500508	Viktor Trnjak		4	748
27	188207	2002982500509	Monica Zivak		4	748
28	188208	2102978500510	Branka Brankovic		4	748
29	188209	2202982500511	Rado Rodic		4	748

Execution complete Execution Time: 00:00:00 Rows: 100 Columns: 2 Local Template Standard

Distinct

Distinct



The screenshot displays the MicroStrategy Desktop interface, specifically the 'UkupanBrojVozila distinct - Metric Editor' window. A 'Count Parameters' dialog box is open, showing the 'Distinct' parameter set to 'True' and 'FactID' selected as the dimension. The main window shows the formula 'Count(Vozila)(ReportLevel)' and the definition 'Count(Distinct=True>(Vozila) (*)'.

Count Parameters Dialog:

Parameter	Value
Distinct	True
FactID	Isnos Preme
Null	(Nothing)
UseLookupForAttributes	Isnos Preme
Primanje Vrednos	

Metric Editor:

Metric: **UkupanBrojVozila distinct** is defined as:

- Count(Vozila)(ReportLevel)
- Formula = Count(Vozila)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition:

Name: UkupanBrojVozila distinct

Count(Distinct=True>(Vozila) (*)

Count(UseLookupForAttributes=True>(value list)

Distinct

Distinct

New Report (1)

File Edit View Insert Format Data Grid Layout Window Help

Save and Close Corporate

Rows Values Arial 8 Western

Report objects Report details

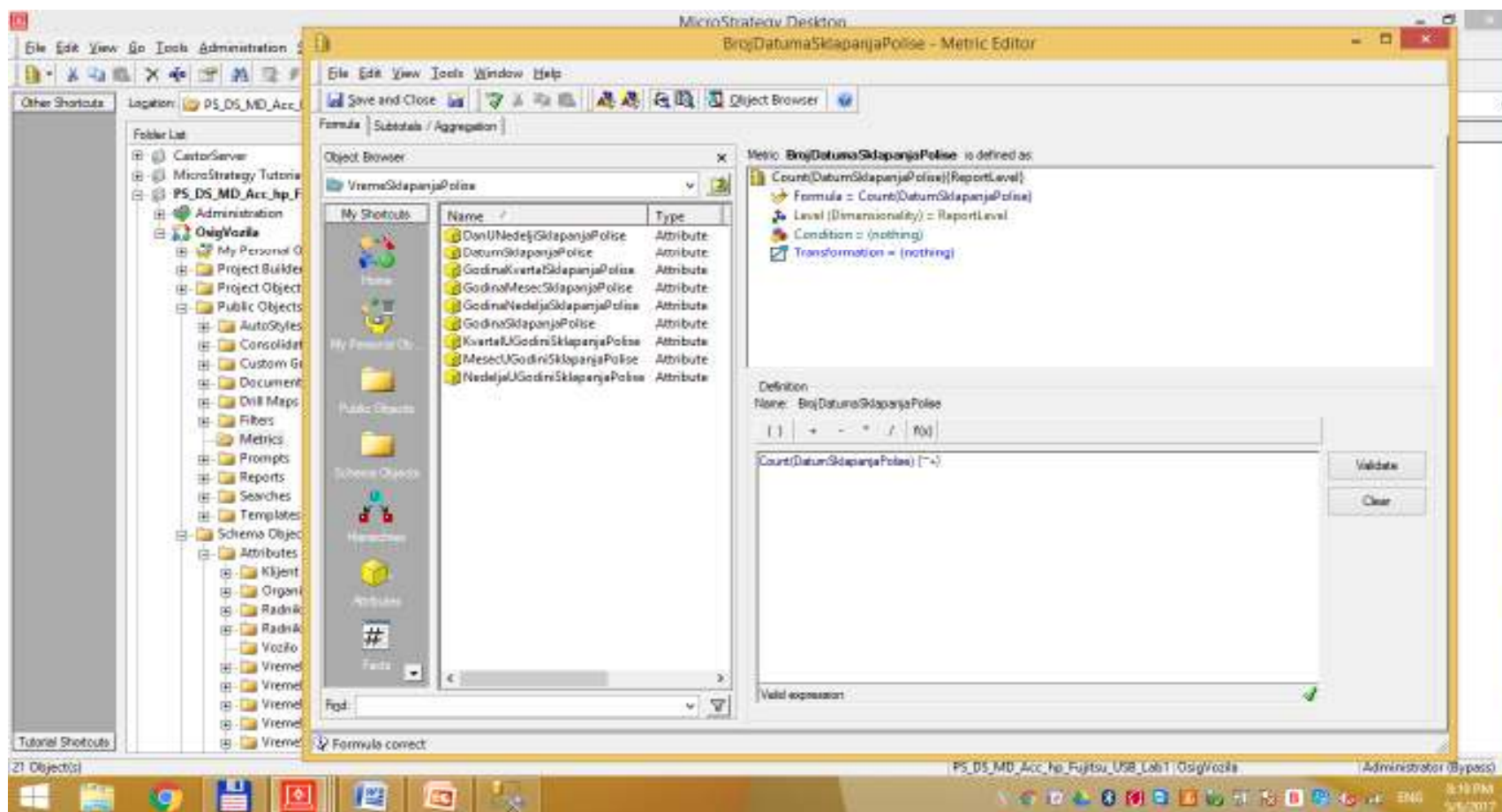
Name

RadnikSklepa
UkBrojBojaV
UkBrojBojaV

				Metric1	UkBrojBojaVozila	UkBrojBojaVozilaDistinct
1	100100	2100957505079	Petar Petrovic		10	5
2	100101	3100805200501	Lazar Lazarevic		10	4
3	100102	1201950000010	Ema Tel		10	6
4	100103	1101960200201	Iva Ros		10	6
5	100104	1504000200000	Rada Radic		10	6
6	100105	1607981300021	Mario Markovic		9	7
7	100106	1900903000021	Sima Simic		9	5
8	100107	3100804500001	Dragana Dragic		9	6
9	100108	29002977303229	Marina Maric		9	7
10	100109	1612979000007	Milan Milenovic		9	6
11	100201	2304000050000	Sanja Stajic		9	5
12	100202	2305901500001	Marina Radic		9	5
13	100203	1001954101000	Dragana Maric		9	5
14	100204	1101964101001	Biljana Jugovic		9	5
15	100205	1303904101002	Jelena Valovic		9	4
16	100206	1101964101003	Ivana Jugo		4	3
17	100207	1101074101004	Maja Tambas		4	3
18	100208	1002972500500	Borisl Trisak		4	3
19	100209	1102972500501	Sanja Bodnjak		4	4
20	100210	1302982500502	Vanja Radic		4	3
21	100211	1402982500503	Tanja Ivanovic		4	4
22	100212	1502982500504	Iva Vidojak		4	4
23	100213	1602984500505	Petar Petrovic		4	3
24	100214	1702983500506	Sima Dukic		4	2
25	100215	1802982500507	Dragan Valovic		4	3
26	100216	1902981500508	Viktor Trisak		4	4
27	100217	2002982500509	Nenad Zrnai		4	4
28	100218	2102979500510	Branka Brankovic		4	3
29	100219	2202979500511	Boris Borkovic		4	3

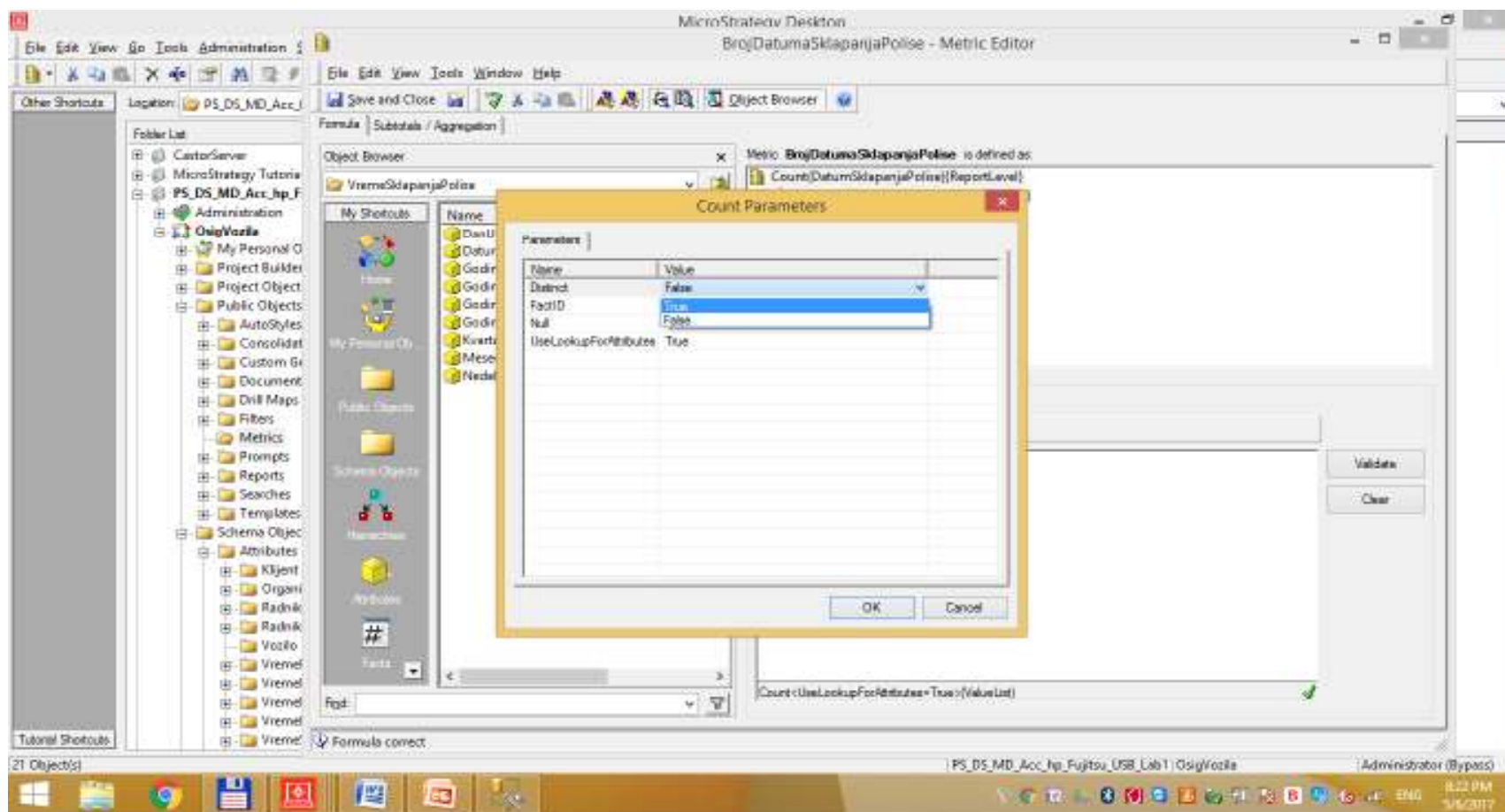
Execution complete Execution Time 00:00:00 Rows: 100 Columns: 2 Local Template Standard

Distinct



Distinct

Distinct



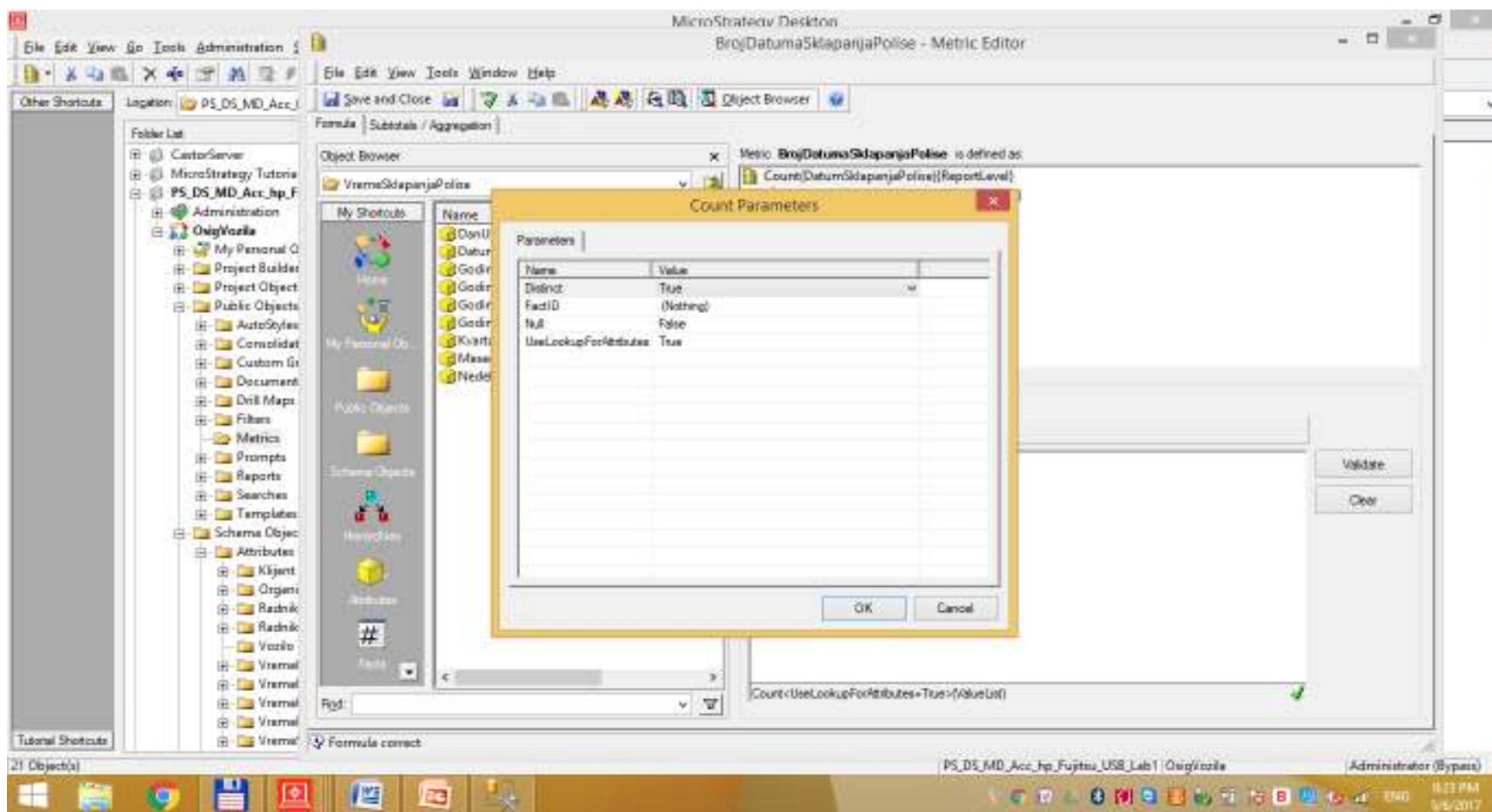
The screenshot displays the MicroStrategy Desktop interface. The main window is titled "MicroStrategy Desktop" and "BrojDatumaSkidanjaPolise - Metric Editor". The "Formula" tab is active, showing the formula: `Count(DatumSkidanjaPolise){ReportLevel}`. A "Count Parameters" dialog box is open, showing the "Parameters" tab with the following table:

Name	Value
Distinct	False
FactID	True
Null	False
UseLookupForAttributes	True

The "Validate" button is highlighted. The status bar at the bottom indicates "Formula correct".

Drill down/Drill up

Distinct



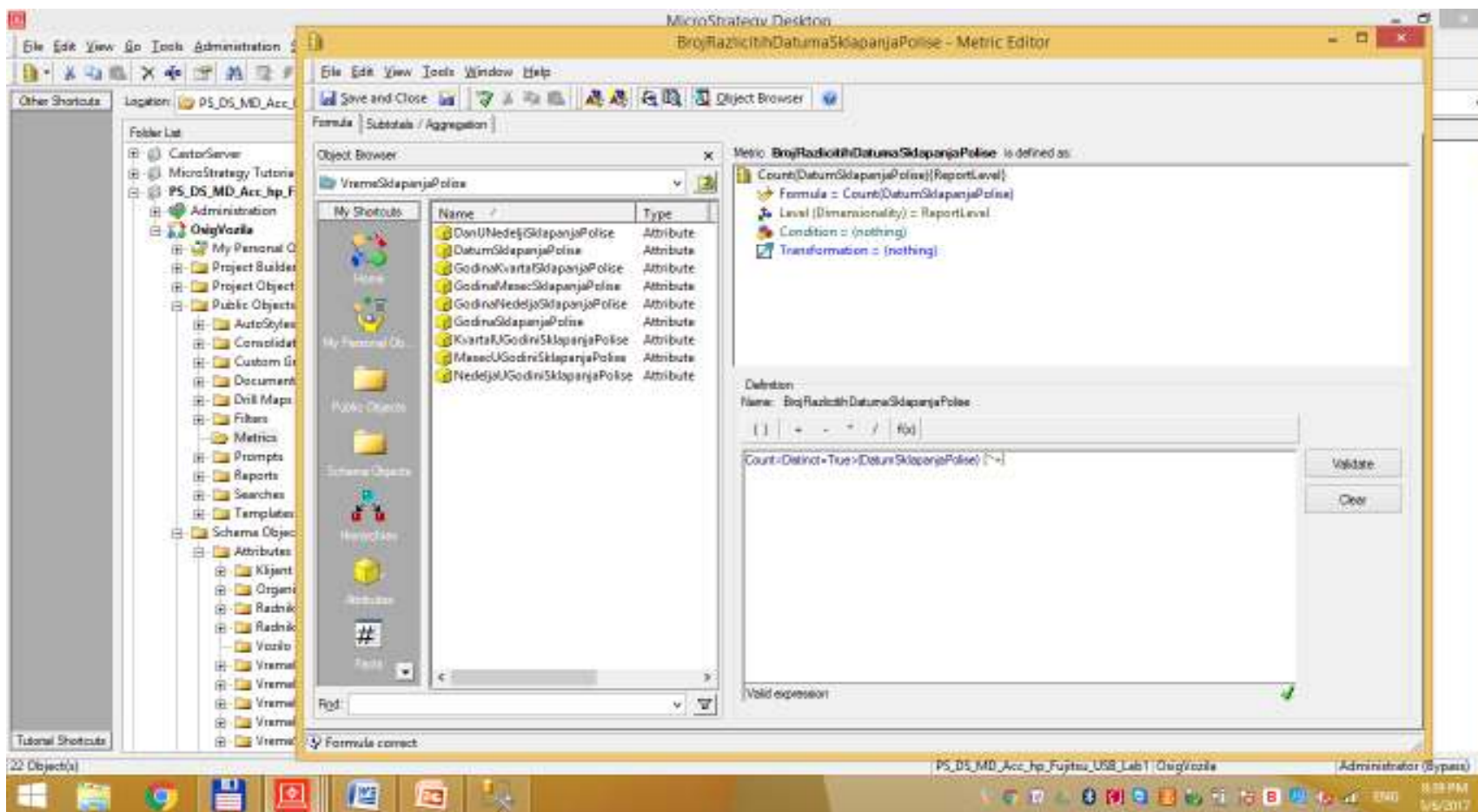
The screenshot shows the MicroStrategy Desktop interface with the 'Metric Editor' window open. The 'Formula' tab is selected, and the metric 'BrojDakumaSkapanjaPolise' is defined as 'Count(DatumSkapanjaPolise){ReportLevel}'. A 'Count Parameters' dialog box is open, displaying the following parameters:

Name	Value
Distinct	True
FactID	(Nothing)
Null	False
UseLookupForAttributes	True

The 'Validate' button is highlighted, and the status bar at the bottom indicates 'Formula correct'.

Distinct

Distinct



The screenshot displays the MicroStrategy Desktop interface, specifically the Metric Editor for a metric named "BrojRazlicitihDatumSkapanjaPolise". The interface includes a menu bar, a toolbar, and several panes. The "Object Browser" pane on the left lists various objects, including "VremeSkapanjaPolise". The "Formula" pane on the right shows the metric definition: "Count(DatumSkapanjaPolise) ReportLevel". The "Definition" pane at the bottom shows the formula: "Count(Distinct=True)(DatumSkapanjaPolise) [~]". The status bar at the bottom indicates "Formula correct".

MicroStrategy Desktop
BrojRazlicitihDatumSkapanjaPolise - Metric Editor

File Edit View Tools Administration

Other Shortcuts Location: PS_DS_MD_Acc...

Folder List

- CastorServer
- MicroStrategy Tutorial
- PS_DS_MD_Acc_hp_F
- Administration
- OrigVozila
- My Personal O...
- Project Builder
- Project Objects
- Public Objects
- AutoStylee
- Consolidat
- Custom Gr
- Document
- Drill Maps
- Filters
- Metrics
- Prompts
- Reports
- Searches
- Templates
- Schema Objec
- Attributes
- Klijent
- Organi
- Razn
- Razn
- Vozila
- Vreme
- Vreme
- Vreme
- Vreme

Object Browser

VremeSkapanjaPolise

Name	Type
DoniNedejSkapanjaPolise	Attribute
DatumSkapanjaPolise	Attribute
GodinaKvartaSkapanjaPolise	Attribute
GodinaMeseSkapanjaPolise	Attribute
GodinaNedejSkapanjaPolise	Attribute
GodinaSkapanjaPolise	Attribute
KvartaUGodiniSkapanjaPolise	Attribute
MeseUGodiniSkapanjaPolise	Attribute
NedejUGodiniSkapanjaPolise	Attribute

Formula Subtotals / Aggregation

Metric: BrojRazlicitihDatumSkapanjaPolise is defined as:

- Count(DatumSkapanjaPolise) ReportLevel
- Formula = Count(DatumSkapanjaPolise)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition

Name: BrojRazlicitihDatumSkapanjaPolise

Count(Distinct=True)(DatumSkapanjaPolise) [~]

Validate

Clear

Valid expression

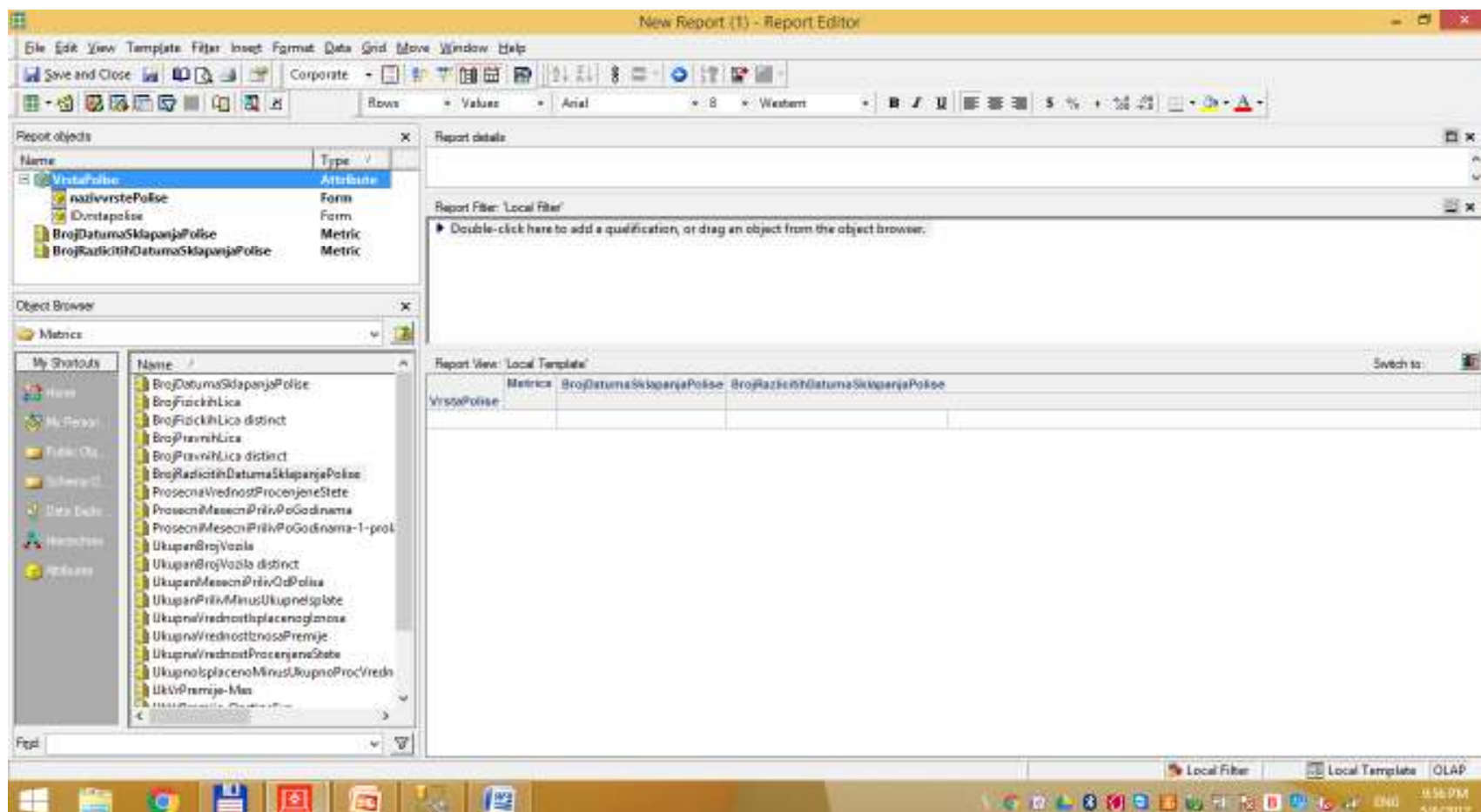
Formula correct

22 Object(s)

PS_DS_MD_Acc_hp_Fujitsu_USB_Lab1 OrigVozila Administrator (Bypass) 8:59 PM 6/6/2017

Distinct

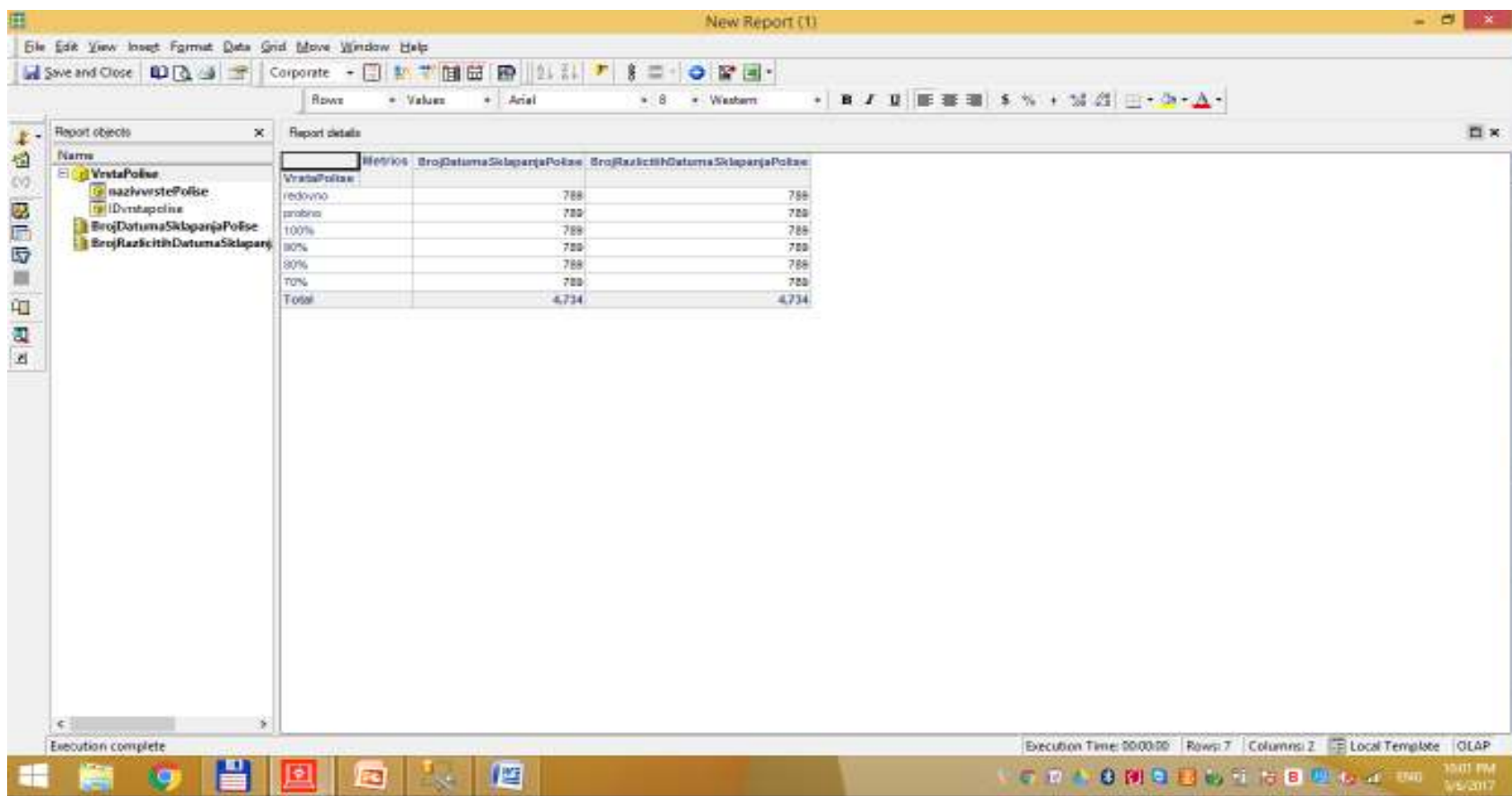
Distinct



The screenshot displays the 'New Report (1) - Report Editor' interface. The 'Report objects' pane on the left lists several objects: 'VrstaPolise' (Attribute), 'nadhvrstePolise' (Form), 'DvostapPolise' (Form), 'BrojDatumaSklopjanjaPolise' (Metric), and 'BrojRadionihDatumaSklopjanjaPolise' (Metric). The 'Object Browser' pane below it shows a list of metrics, including 'BrojDatumaSklopjanjaPolise', 'BrojRadionihLica', 'BrojRadionihLica distinct', 'BrojPravniLica', 'BrojPravniLica distinct', 'BrojRadionihDatumaSklopjanjaPolise', 'ProsecaVrednostProcentaStete', 'ProsecaMesecPrilivGodinama', 'ProsecaMesecPrilivGodinama-1-prol', 'UkupniBrojVozila', 'UkupniBrojVozila distinct', 'UkupniMesecPrilivGodinama', 'UkupniPrilivMinusUkupniPlote', 'UkupniVrednostPlacenaGlasova', 'UkupniVrednostZnosaPremije', 'UkupniVrednostProcentaStete', 'UkupniPlacenoMinusUkupnoProcVredn', 'UkupniPremije-Mas', and 'UkupniPremije-Mas'. The 'Report View: Local Template' pane on the right shows a table with columns 'Metrica', 'BrojDatumaSklopjanjaPolise', and 'BrojRadionihDatumaSklopjanjaPolise'. The table has a header row with 'Metrica' and two data rows. The first data row is labeled 'VrstaPolise' and the second data row is labeled 'nadhvrstePolise'. The table is currently empty of data.

Distinct

Distinct



The screenshot shows a report viewer window titled "New Report (1)". The report displays a table with distinct values for the field "VrstaPolise". The table has four columns: "VrstaPolise", "BrojDatumSklopnjaPolise", "BrojRazlicnihDatumSklopnjaPolise", and "Total". The data is as follows:

VrstaPolise	BrojDatumSklopnjaPolise	BrojRazlicnihDatumSklopnjaPolise	Total
redovno	788	788	788
probno	788	788	788
100%	788	788	788
80%	788	788	788
70%	788	788	788
Total	4,734	4,734	4,734

The report viewer interface includes a menu bar (File, Edit, View, Insert, Format, Data, Grid, Move, Window, Help), a toolbar, and a status bar at the bottom showing "Execution Time: 00:00:00", "Row: 7", "Column: 2", "Local Template", and "OLAP".



Distinct

Distinct

The screenshot shows a report viewer interface. At the top is a menu bar with 'File', 'Edit', 'View', 'Data', 'Window', and 'Help'. Below the menu bar is a toolbar with icons for 'Save and Close', a magnifying glass, a printer, and a folder. Below the toolbar is a tab labeled 'Report details'. The main content area displays the following information:

dim_vreme

SQL Statements:

Pass0 - Execution Duration: 0:00:00.00
Data Fetch Duration from Datasource(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.02
Rows selected: 6

```
select a12.ID_vrste_polise ID_vrste_polise,
       max(a12.naziv_vrste_polise) naziv_vrste_polise,
       count(a11.datum) WJXBFS1,
       count(distinct a11.datum) WJXBFS2
from   dim_vreme      a11
       cross join dim_vrsta_polise a12
group by a12.ID_vrste_polise
```

Pass1 - Execution Duration: 0:00:00.00
Data Fetch Duration from Datasource(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.00

[Populate Report Data]

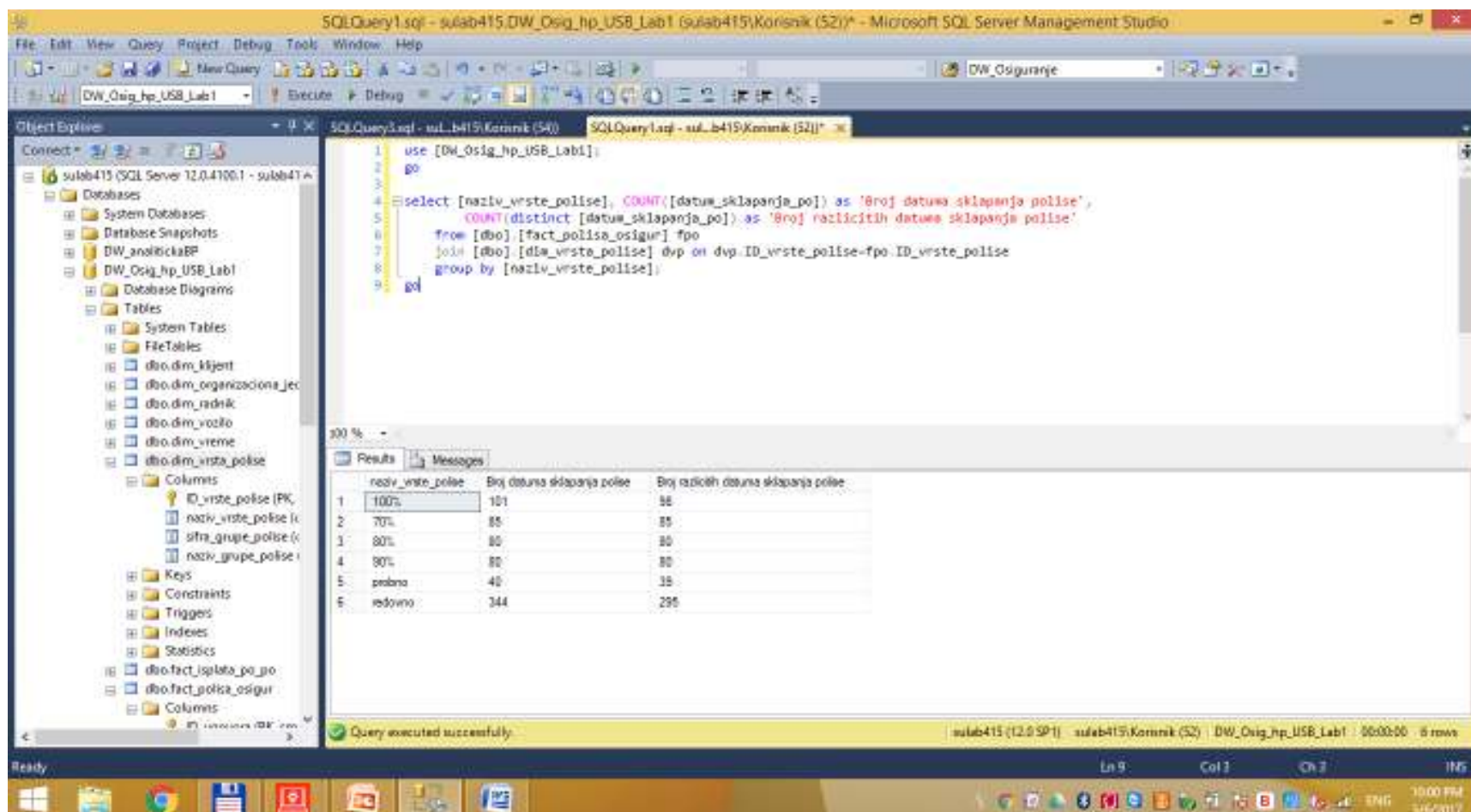
[Analytical engine calculation steps:

1. Calculate subtotal: <Total>
2. Perform cross-tabbing

]

Distinct

Distinct



The screenshot displays the Microsoft SQL Server Management Studio interface. The query editor shows a SQL query that uses the `DISTINCT` keyword to count the number of unique dates for each policy type. The query is as follows:

```
use [DW_Osig_hp_USB_Lab1];
go
select [naziv_vrste_polise], COUNT([datum_sklopavanja_po]) as 'Broj datuma sklopavanja polise',
COUNT(distinct [datum_sklopavanja_po]) as 'Broj razlicitih datuma sklopavanja polise'
from [dbo].[fact_polisa_osigur] fpo
join [dbo].[dim_vrsta_polise] dvp on dvp.ID_vrste_polise=fpo.ID_vrste_polise
group by [naziv_vrste_polise];
go
```

The results pane shows the output of the query, which includes the policy type name, the total count of dates, and the count of distinct dates. The results are as follows:

	naziv_vrste_polise	Broj datuma sklopavanja polise	Broj razlicitih datuma sklopavanja polise
1	100%	101	88
2	70%	85	85
3	80%	80	80
4	90%	80	80
5	pebina	40	38
6	redovno	344	295

The status bar at the bottom indicates that the query was executed successfully, returning 6 rows.



Distinct

Distinct

Report details

dim_vreme

SQL Statements:

Pass0 - Execution Duration: 0:00:00.00
Data Fetch Duration from Datasource(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.02
Rows selected: 6

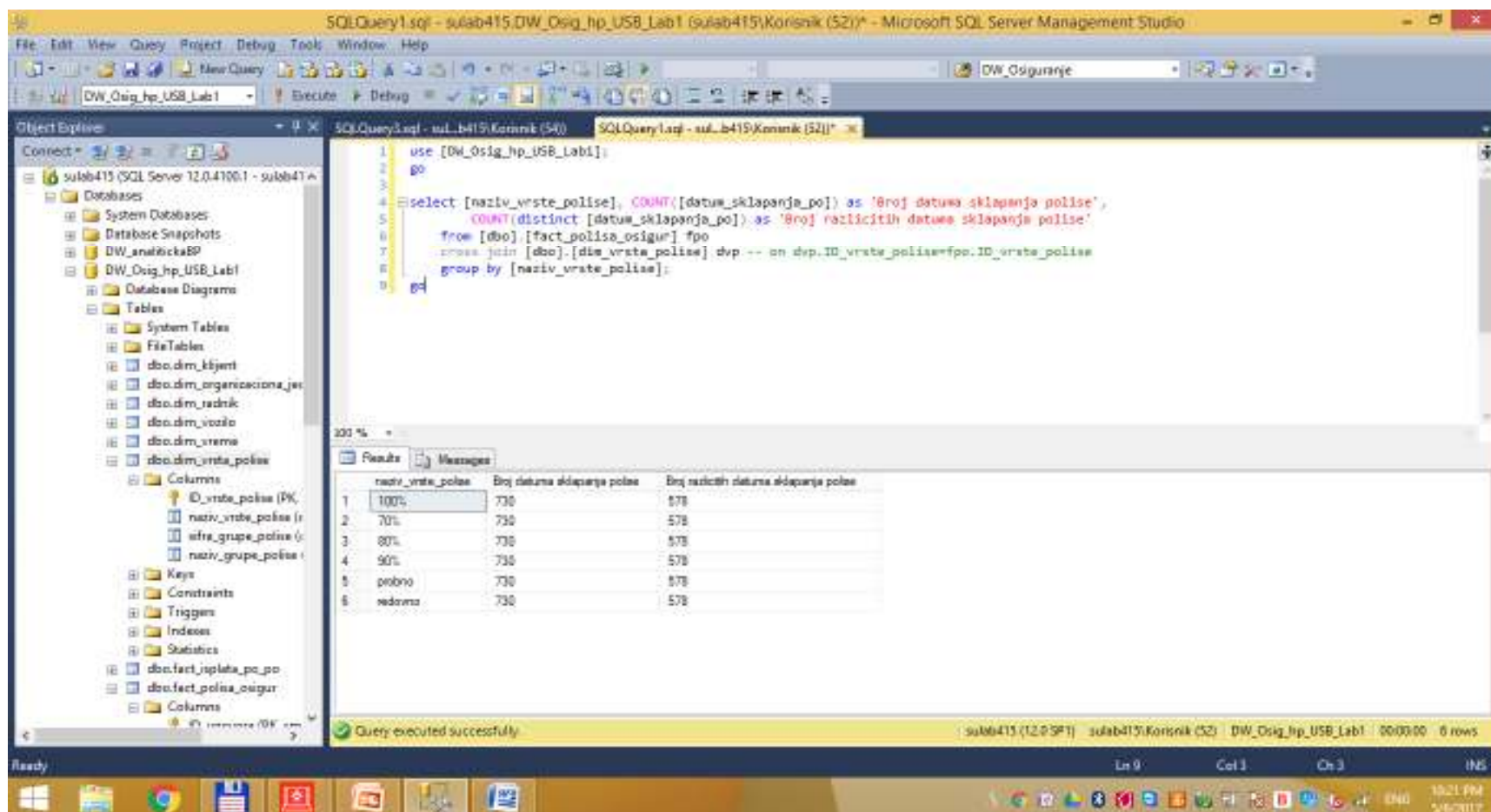
```
select a12.ID_vrste_polise ID_vrste_polise,  
       max(a12.naziv_vrste_polise) naziv_vrste_polise,  
       count(a11.datum) WJXBFS1,  
       count(distinct a11.datum) WJXBFS2  
from   dim_vreme      a11  
       cross join dim_vrsta_polise a12  
group by a12.ID_vrste_polise
```

Pass1 - Execution Duration: 0:00:00.00
Data Fetch Duration from Datasource(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.00
[Populate Report Data]

[Analytical engine calculation steps:
1. Calculate subtotal: <Total>
2. Perform cross-tabbing
]

Distinct

Distinct



The screenshot displays the Microsoft SQL Server Management Studio interface. The title bar indicates the connection to 'sulab415.DW_Osig_hp_USB_Lab1'. The 'Object Explorer' on the left shows the database structure, including tables like 'dbo.fact_polisa_osigur' and 'dbo.dim_vrsta_polise'. The 'SQL Query1.sql' window contains the following query:

```
1 use [DW_Osig_hp_USB_Lab1];
2 GO
3
4 select [naziv_vrste_polise], COUNT([datum_sklapanja_po]) as 'Broj datuma sklapanja polise',
5        COUNT(distinct [datum_sklapanja_po]) as 'Broj razlicitih datuma sklapanja polise'
6 from [dbo].[fact_polisa_osigur] fpo
7 cross join [dbo].[dim_vrsta_polise] dvp -- on dvp.ID_vrste_polise=fpo.ID_vrste_polise
8 group by [naziv_vrste_polise];
9 GO
```

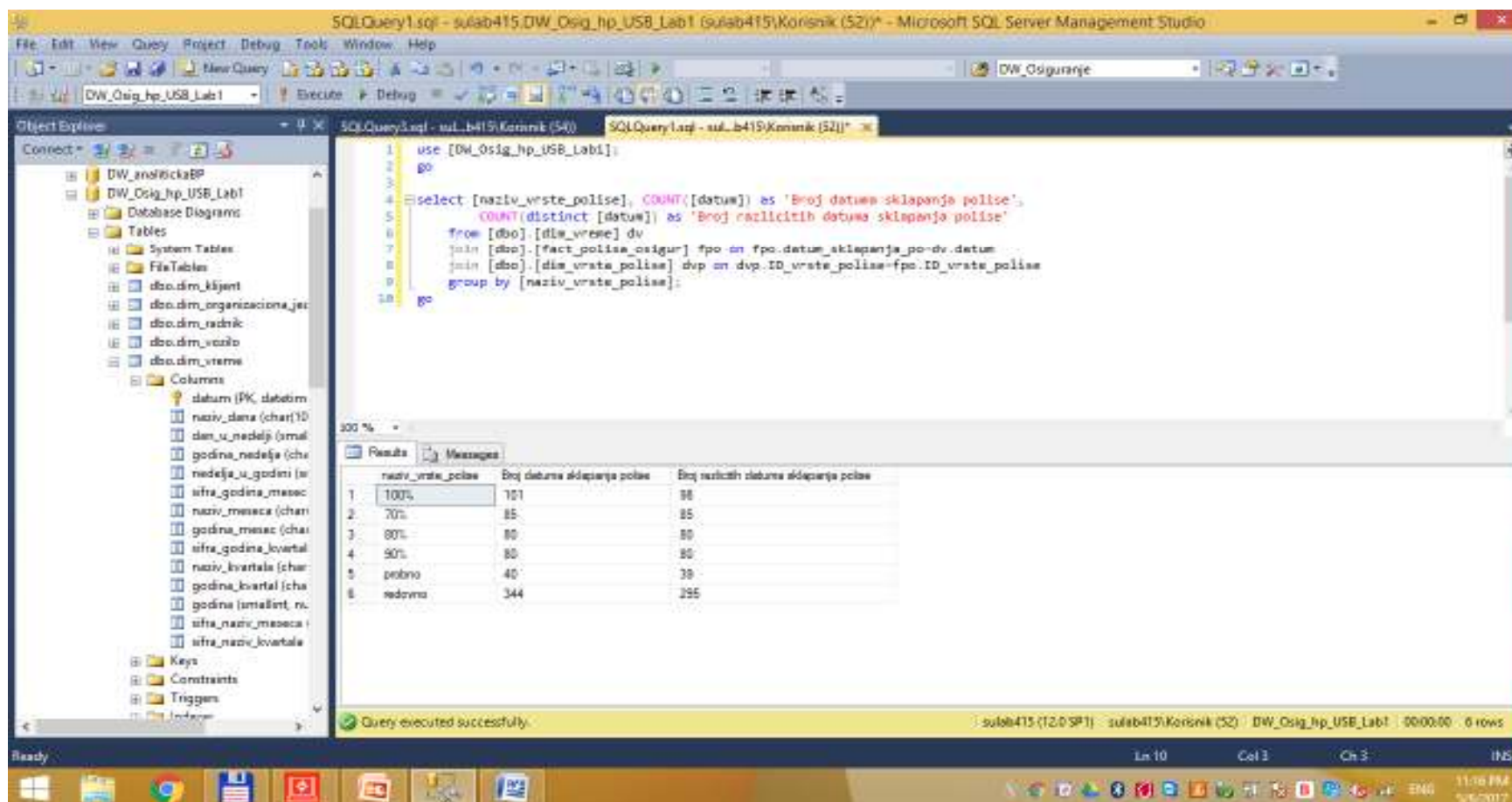
The 'Results' pane shows the output of the query, which includes the name of the insurance type and the count of dates of signing, with a separate column for the count of distinct dates.

	naziv_vrste_polise	Broj datuma sklapanja polise	Broj razlicitih datuma sklapanja polise
1	100%	730	578
2	70%	730	578
3	80%	730	578
4	90%	730	578
5	probna	730	578
6	redovna	730	578

The status bar at the bottom indicates 'Query executed successfully' and shows the execution time as 00:00:00 with 6 rows returned.

Distinct

Distinct



The screenshot displays the Microsoft SQL Server Management Studio interface. The query editor shows a SQL query that uses the `DISTINCT` keyword to count unique dates for different types of insurance policies. The query is as follows:

```
1 use [DW_Osig_hp_USB_Lab1];
2 go
3
4 select [naziv_vrste_polise], COUNT([datum]) as 'Broj datuma sklopanja polise',
5        COUNT(distinct [datum]) as 'Broj razlicitih datuma sklopanja polise'
6 from [dbo].[dim_vreme] dv
7 join [dbo].[fact_polisa_osigur] fpo on fpo.datum_sklopanja_po=dv.datum
8 join [dbo].[dim_vrste_polise] dup on dup.ID_vrste_polise=fpo.ID_vrste_polise
9 group by [naziv_vrste_polise];
10 go
```

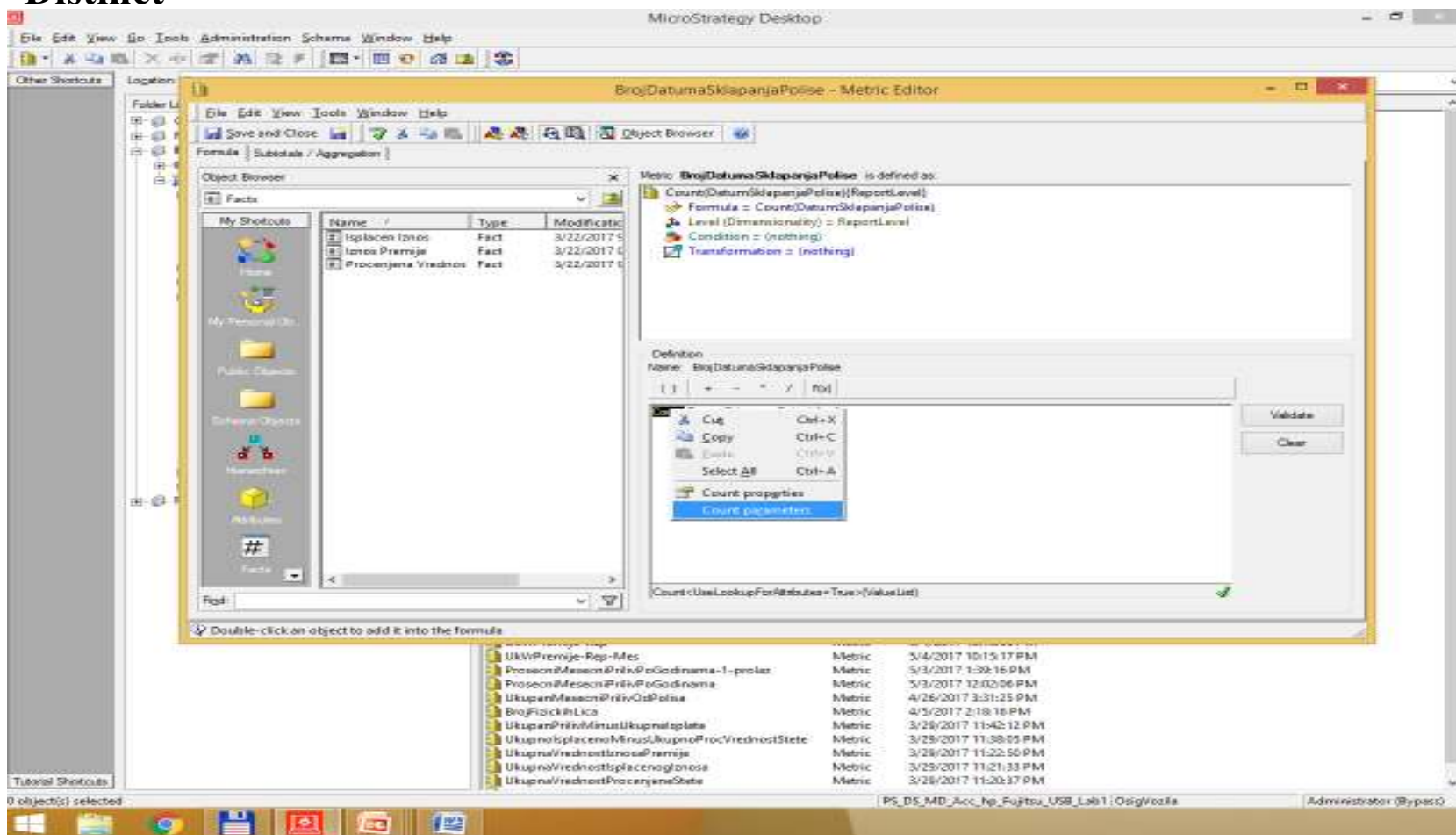
The results pane shows the following data:

	naziv_vrste_polise	Broj datuma sklopanja polise	Broj razlicitih datuma sklopanja polise
1	100%	101	88
2	70%	85	85
3	80%	80	80
4	90%	80	80
5	polisno	40	39
6	redovno	344	295

The status bar at the bottom indicates that the query was executed successfully, returning 6 rows.

Distinct

Distinct

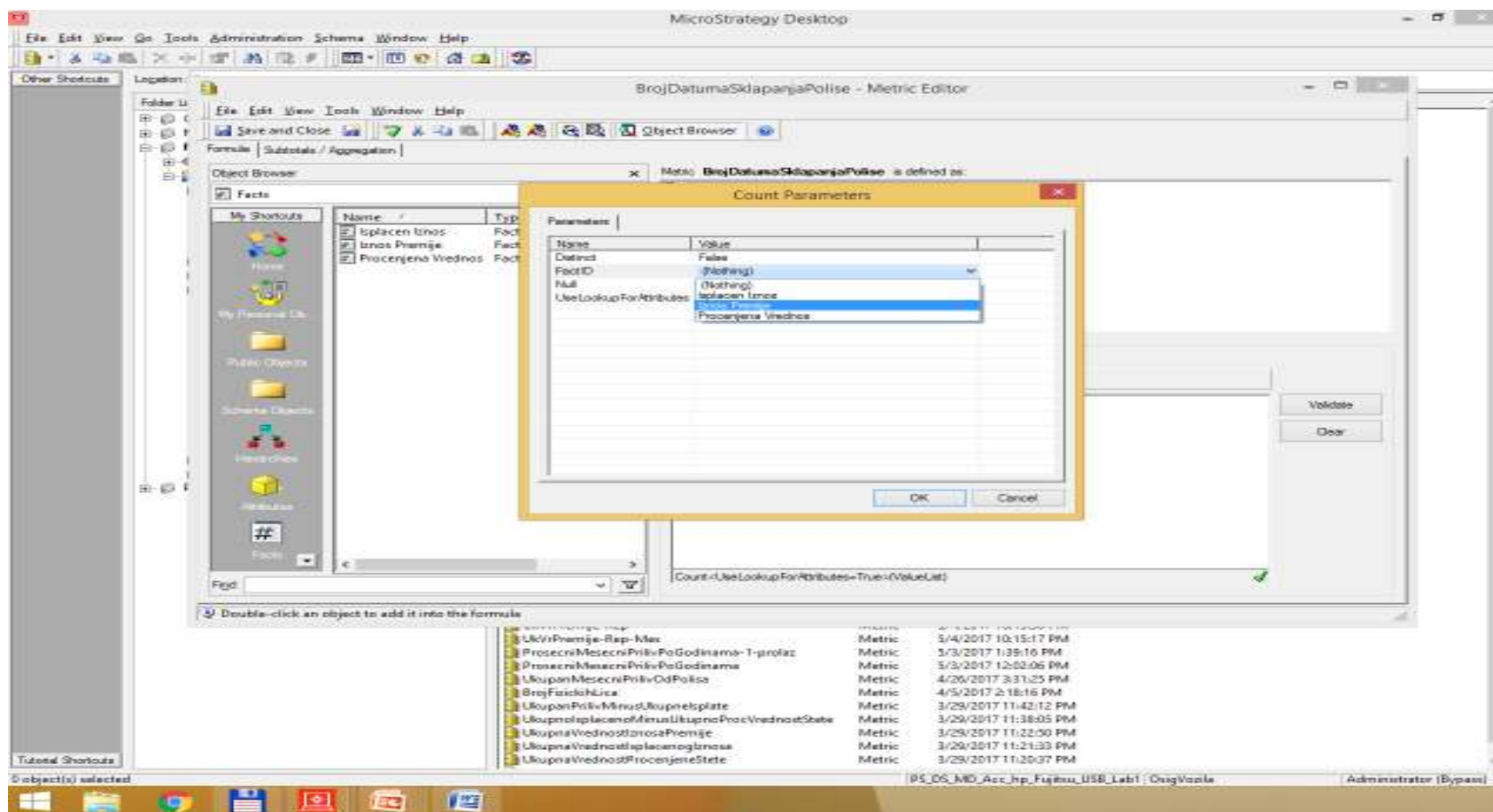


The screenshot displays the MicroStrategy Desktop interface, specifically the Metric Editor for the metric 'BrojDatumSkapanjaPolise'. The formula is defined as 'Count(DatumSkapanjaPolise)' with a level of 'ReportLevel'. The Object Browser on the left shows a list of facts, including 'Isplacen Iznos', 'Iznos Premije', and 'Procenjena Vrednost'. The bottom of the window shows a list of metrics and their associated data.

Metric	Value
UkupnaPremije-Rep-Mes	5/4/2017 10:15:17 PM
ProcenjenaVrednost@PrilozGodinama-1-prola	5/3/2017 1:39:16 PM
ProcenjenaVrednost@PrilozGodinama	5/3/2017 12:02:06 PM
UkupnaVrednost@PrilozGodinama	4/26/2017 3:31:25 PM
BrojFiskalnihLica	4/5/2017 2:18:16 PM
UkupnaPrilozManusUkupnaPolise	3/29/2017 11:42:12 PM
UkupnaIsplacenaMinusUkupnaProcVrednostState	3/29/2017 11:38:05 PM
UkupnaVrednostIznosaPremije	3/29/2017 11:22:50 PM
UkupnaVrednostIznosaProcenjena	3/29/2017 11:21:33 PM
UkupnaVrednostProcenjenaState	3/29/2017 11:20:37 PM

Distinct

Distinct



The screenshot displays the MicroStrategy Desktop interface. The main window is the 'Metric Editor' for the metric 'BrojDatumaSkidanjaPolise'. A 'Count Parameters' dialog box is open, showing a list of parameters with 'Distinct' selected. The 'Value' column shows 'False' for 'Distinct' and 'Nothing' for 'FactID', 'Null', and 'UseLookupForAttributes'. The 'OK' button is highlighted.

Parameter	Value
Distinct	False
FactID	(Nothing)
Null	(Nothing)
UseLookupForAttributes	(Nothing)
UseLookupForAttributes	Isplacen Iznos
UseLookupForAttributes	Procenjena Vrednos

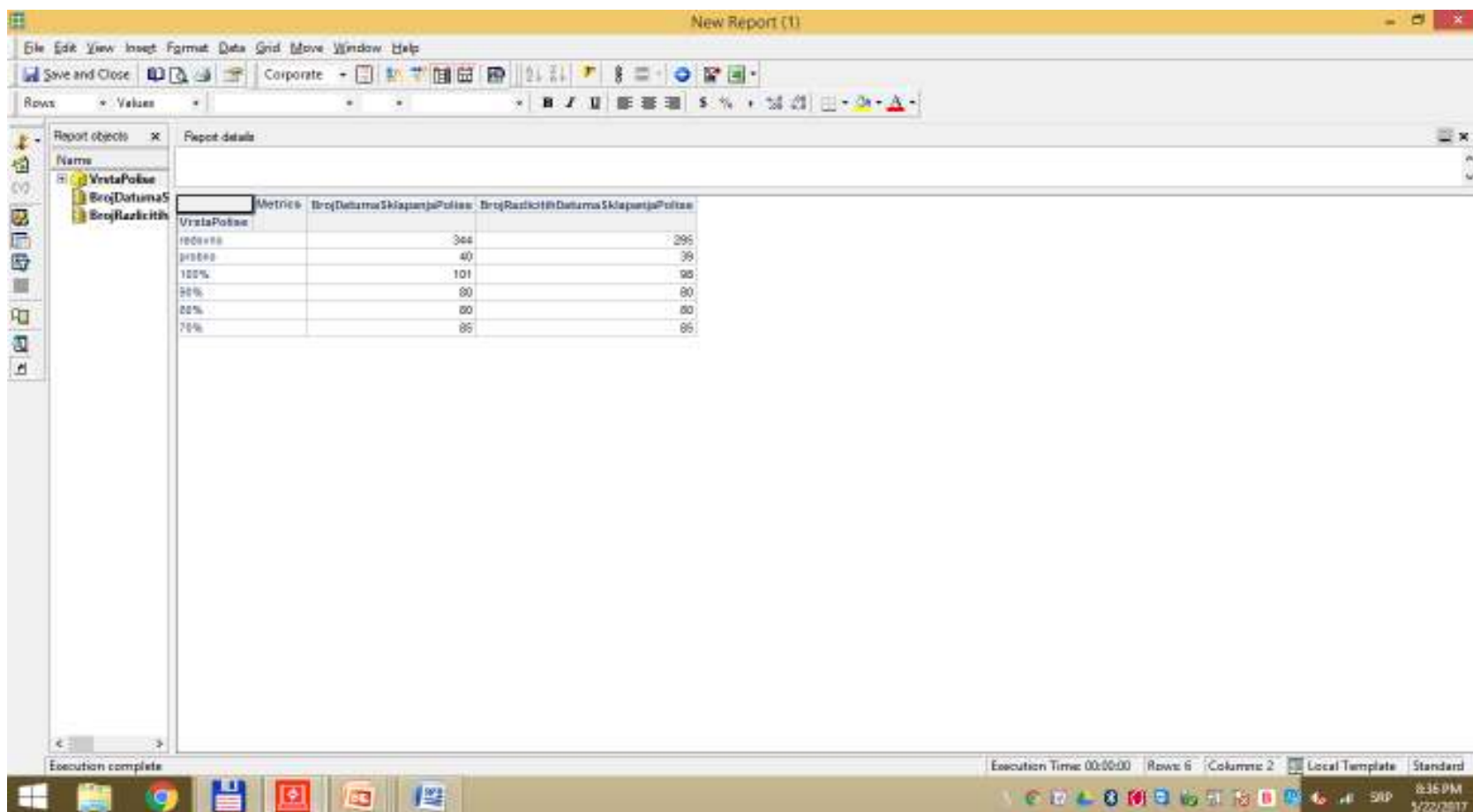
Count = UseLookupForAttributes = True = (ValueList)

Double-click an object to add it into the formula

Object	Type	Time
UkupnaVrednostPromena	Metric	5/4/2017 10:15:17 PM
UkupnaVrednostPromena	Metric	5/3/2017 1:39:16 PM
UkupnaVrednostPromena	Metric	5/3/2017 12:02:06 PM
UkupnaVrednostPromena	Metric	4/26/2017 3:31:25 PM
UkupnaVrednostPromena	Metric	4/5/2017 2:18:16 PM
UkupnaVrednostPromena	Metric	3/29/2017 11:42:12 PM
UkupnaVrednostPromena	Metric	3/29/2017 11:38:05 PM
UkupnaVrednostPromena	Metric	3/29/2017 11:22:50 PM
UkupnaVrednostPromena	Metric	3/29/2017 11:21:33 PM
UkupnaVrednostPromena	Metric	3/29/2017 11:20:37 PM

Distinct

Distinct



Execution complete

Execution Time: 00:00:00 Rows: 6 Columns: 2 Local Template Standard

VrstaPolise	BrojRazlicitih
1000000	344
1000000	40
1000000	101
00%	00
00%	00
70%	05

Distinct

Distinct

MicroStrategy Desktop

File Edit View Go Tools Administration Schema Window Help

Other Shortcuts

Location:

Folder List

My Shortcuts

Home

My Personal Ob...

Public Objects

Schema Objects

Hierarchies

Attributes

Facts

Object Browser

Name	Type	Modification
Isplacen Iznos	Fact	3/22/2017 5
Iznos Premije	Fact	3/22/2017 5
Procenjena Vrednos	Fact	3/22/2017 5

Figd:

BrojDatumaSklapanjaPolise - Metric Editor

File Edit View Tools Window Help

Save and Close

Formula Subtotals / Aggregation

Metric: **BrojDatumaSklapanjaPolise** is defined as:

- Count(DatumSklapanjaPolise){ReportLevel}
- Formula = Count(DatumSklapanjaPolise)
- Level (Dimensionality) = ReportLevel
- Condition = (nothing)
- Transformation = (nothing)

Definition

Name: BrojDatumaSklapanjaPolise

() + - * / f(x)

Count <FactID=[Iznos Premije]>(DatumSklapanjaPolise) {~+}

Validate

Clear

Count <UseLookupForAttributes=True>(ValueList)

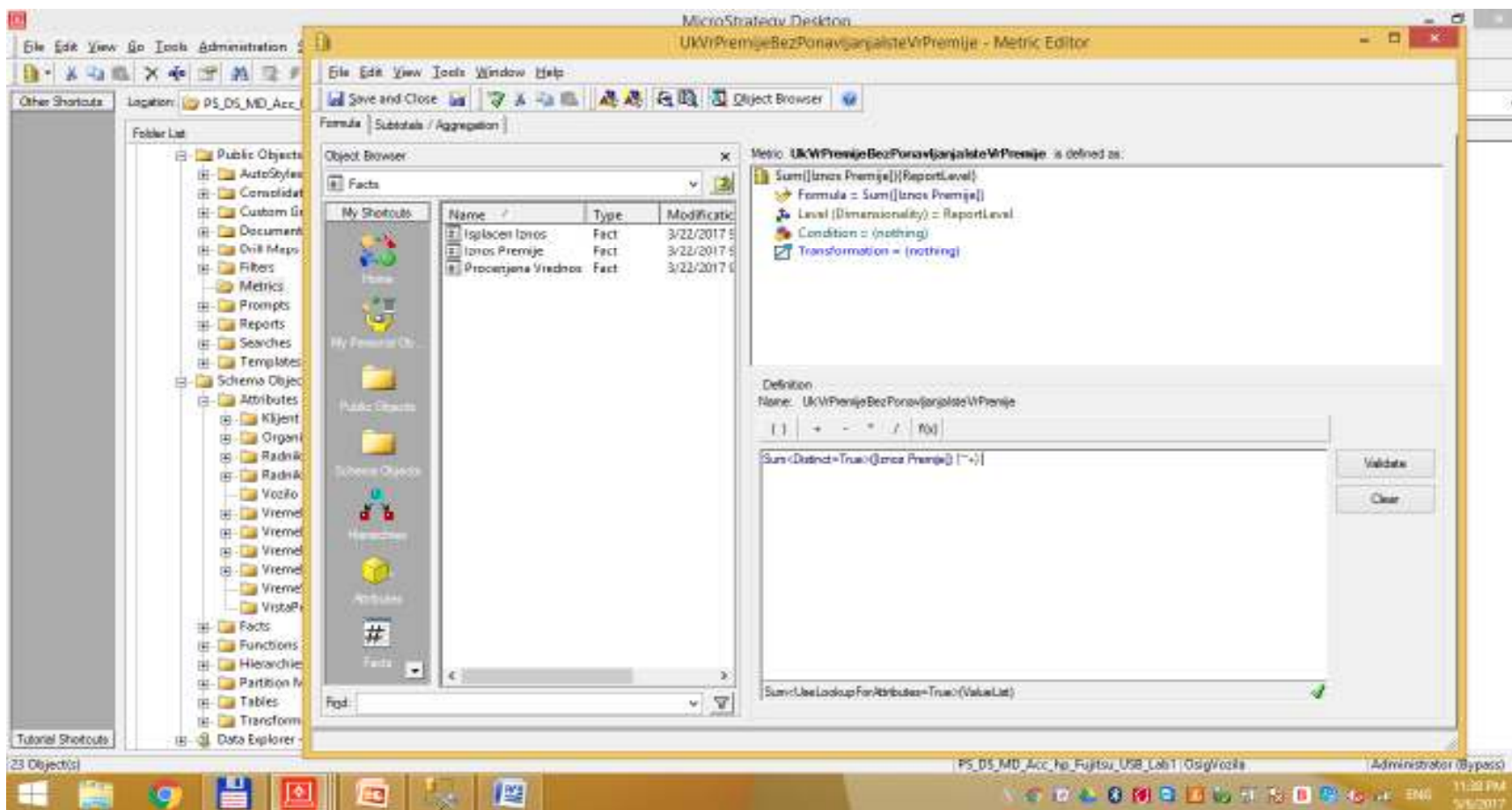
Object Name	Type	Modification
UkupnaVrednostRep-Mes	Metric	5/4/2017 10:15:17 PM
UkupnaVrednostRep-Mes	Metric	5/3/2017 1:39:16 PM
ProsechniMesecniPrilivPoGodinama-1-prolaz	Metric	5/3/2017 12:02:06 PM
ProsechniMesecniPrilivPoGodinama	Metric	4/26/2017 3:31:25 PM
UkupnaMesecniPrilivOdPolisa	Metric	4/5/2017 2:18:16 PM
BrojFizickihLica	Metric	3/29/2017 11:42:12 PM
UkupnaPrilivMinusUkupnaVrednost	Metric	3/29/2017 11:38:05 PM
UkupnaVrednostIznosPremije	Metric	3/29/2017 11:22:50 PM
UkupnaVrednostIznosPremije	Metric	3/29/2017 11:21:33 PM
UkupnaVrednostProcenjeneStete	Metric	3/29/2017 11:20:37 PM

0 object(s) selected

PS_DS_MD_Acc_hp_Fujitsu_USB_Lab1 OsigVozila Administrator (Bypass)

Distinct

Distinct



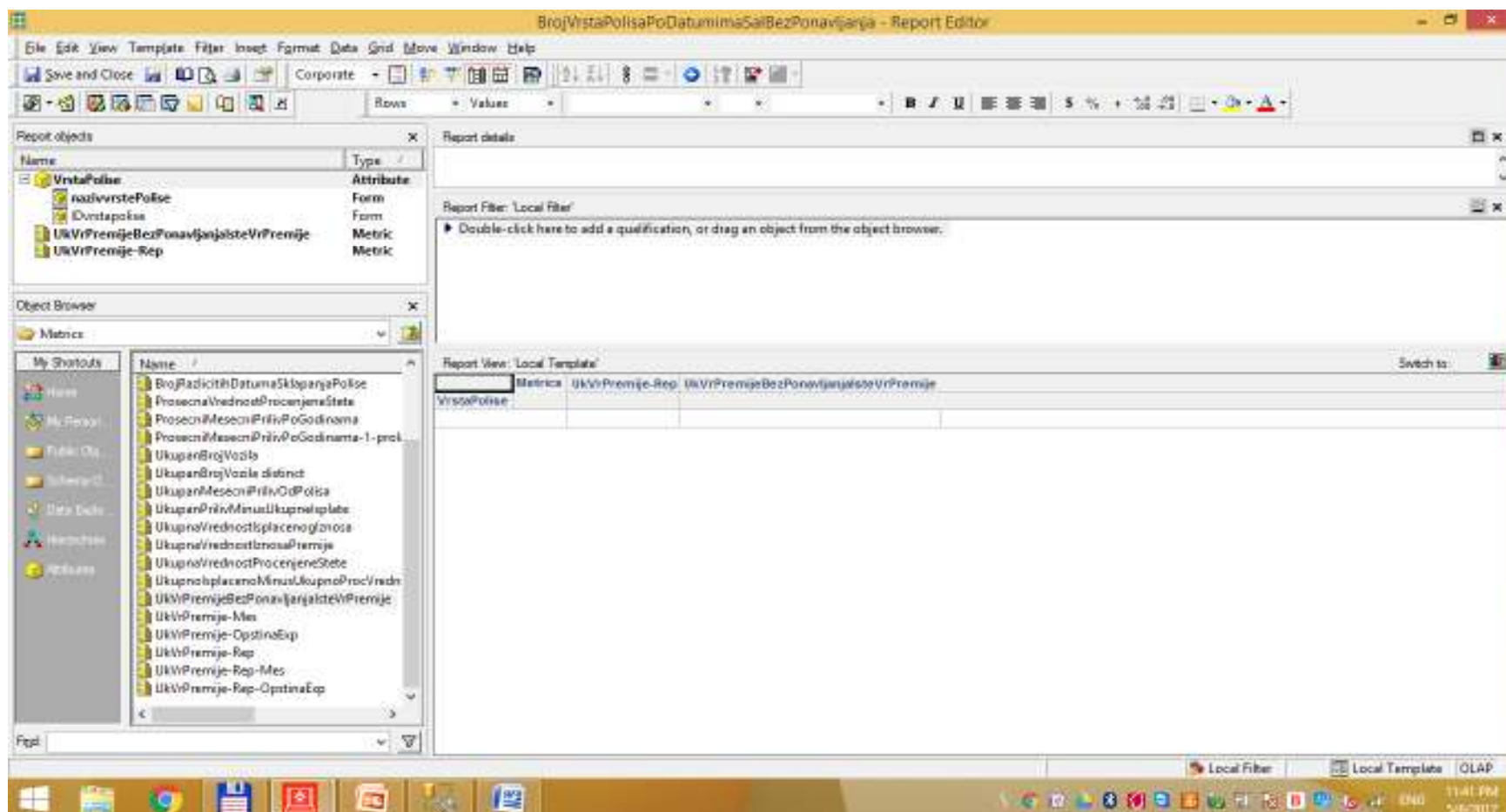
The screenshot displays the MicroStrategy Desktop environment. The main window is titled "UKWPremijeBezPonavljajistoVPremije - Metric Editor". The interface is divided into several panes:

- Folder List:** Located on the left, it shows a hierarchy of folders including "Public Objects", "Custom Objects", "Reports", "Templates", "Schema Objects", "Attributes", "Facts", "Functions", "Hierarchies", "Tables", and "Transformations".
- Object Browser:** Located in the center, it displays a table of objects. The table has columns for "Name", "Type", and "Modification Date". The objects listed are "Iznos Premije", "Iznos Premije", and "Procenjena Vrednost".
- Formula / Subtotals / Aggregation:** Located on the right, it shows the definition of the metric. The formula is "Sum([Iznos Premije])[ReportLevel]". The level is set to "ReportLevel". The condition is "(nothing)". The transformation is "(nothing)".

The status bar at the bottom indicates the user is "Administrator (Bypass)" and the date is "11/22/2017".

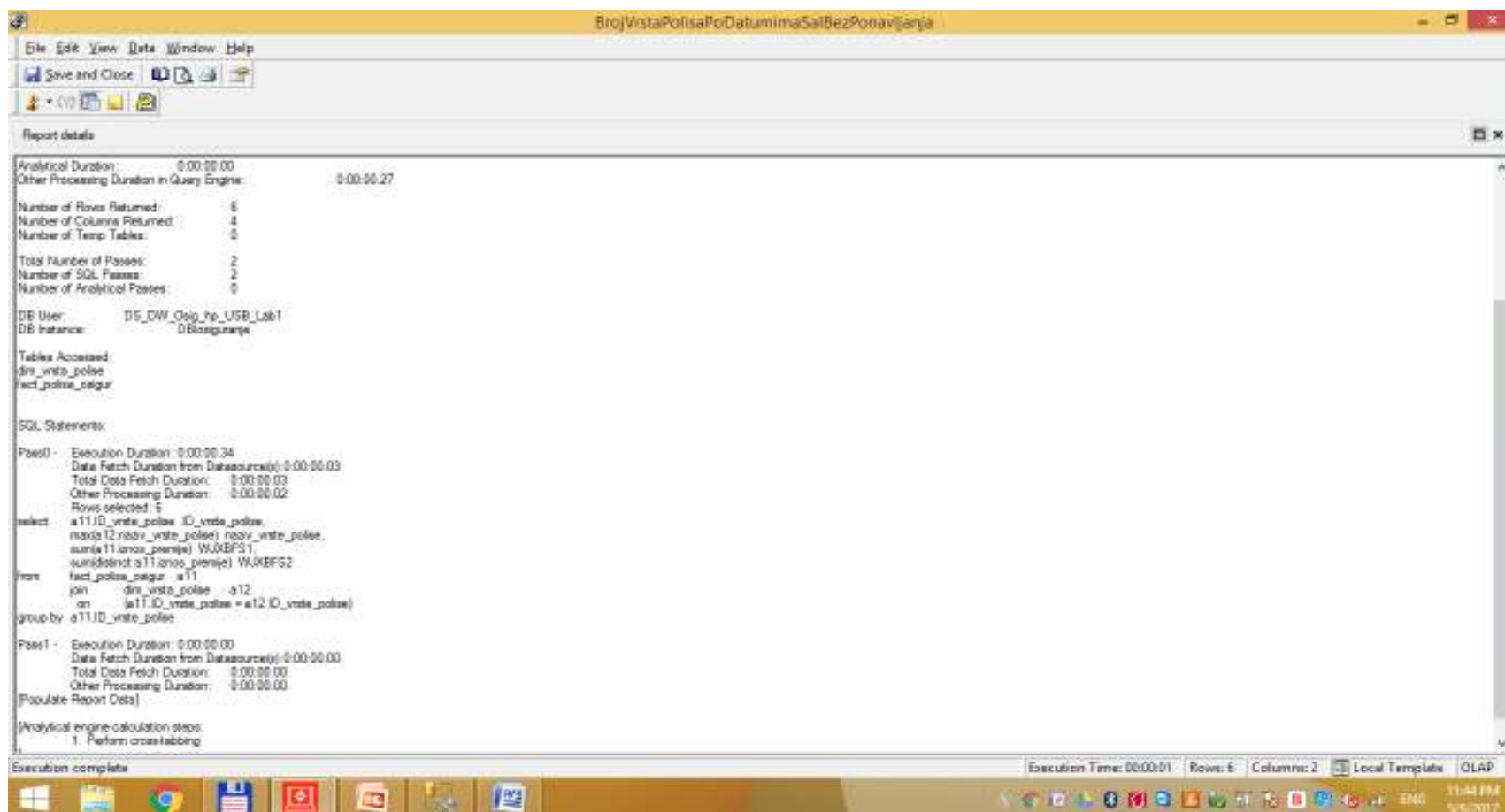
Distinct

Distinct



Distinct

Distinct



The screenshot displays the 'Report details' window in SQL Server Enterprise Manager. The title bar indicates the query is 'BrojWstaPolisaPoDatumimaSalBezPonavljanja'. The report shows the following details:

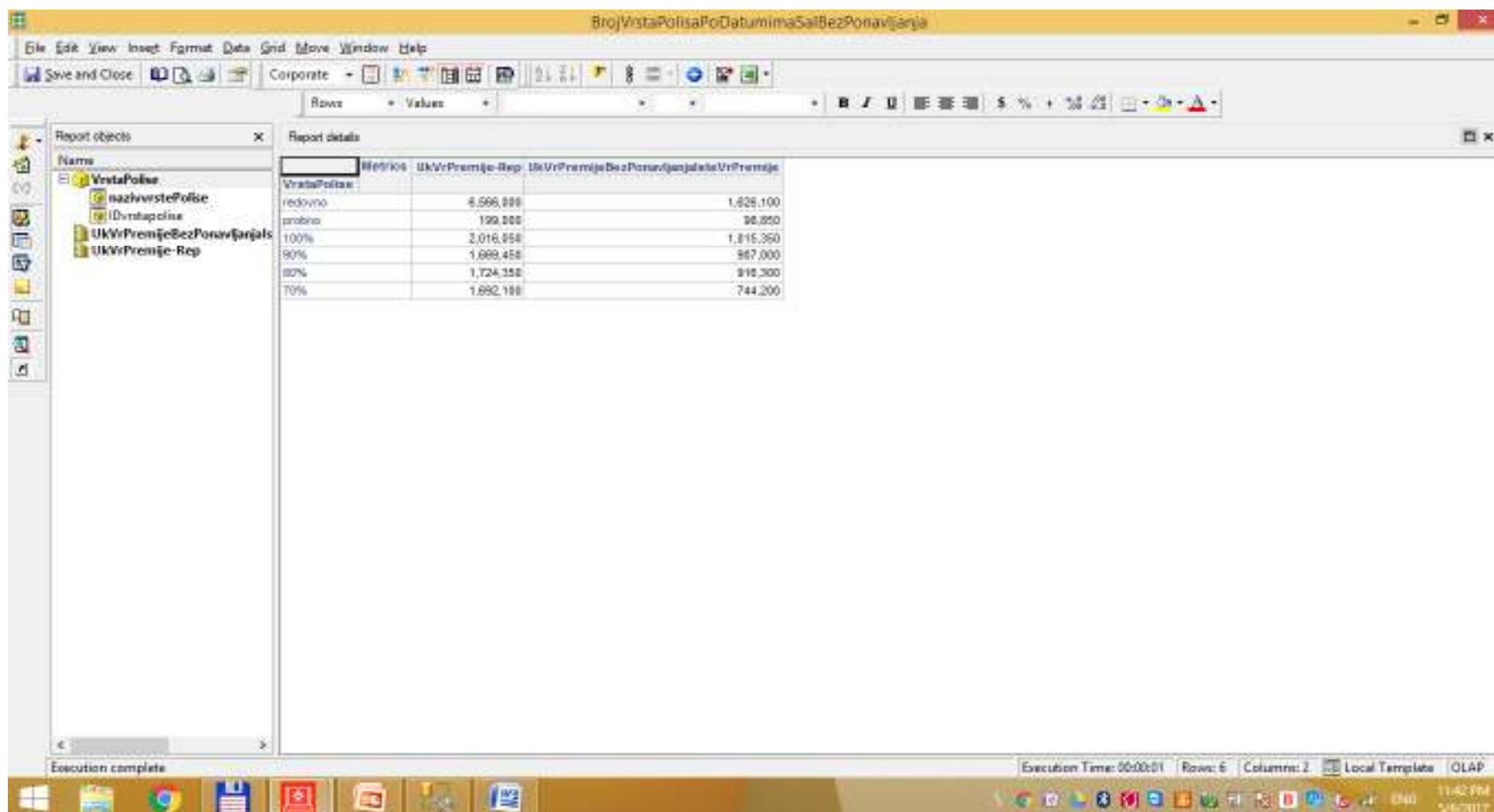
- Analytical Duration:** 0:00:00.00
- Other Processing Duration in Query Engine:** 0:00:00.27
- Number of Rows Returned:** 6
- Number of Columns Returned:** 4
- Number of Temp Tables:** 0
- Total Number of Passes:** 2
- Number of SQL Passes:** 2
- Number of Analytical Passes:** 0
- DB User:** DS_DWI_Olap_ho_USB_Lab1
- DB Instance:** DBKosgunarje
- Tables Accessed:** dim_vrsta_polise, fact_polisa_salgur
- SQL Statements:**
 - Pass0:** Execution Duration: 0:00:00.34
Data Fetch Duration from Data source(s): 0:00:00.03
Total Data Fetch Duration: 0:00:00.03
Other Processing Duration: 0:00:00.02
Rows selected: 6
Query:

```
select a11.ID_vrsta_polise, ID_vrsta_polise,
max(a12.naziv_vrsta_polise) naziv_vrsta_polise,
sum(a11.znaci_premije) WK0BFS1,
sum(distinct a11.znaci_premije) WK0BFS2
from fact_polisa_salgur a11
join dim_vrsta_polise a12
on (a11.ID_vrsta_polise = a12.ID_vrsta_polise)
group by a11.ID_vrsta_polise
```
 - Pass1:** Execution Duration: 0:00:00.00
Data Fetch Duration from Data source(s): 0:00:00.00
Total Data Fetch Duration: 0:00:00.00
Other Processing Duration: 0:00:00.00
- [Populate Report Data]**
- [Analytical engine calculation steps]**
 - Perform cross tabbing

The status bar at the bottom indicates 'Execution complete', 'Execution Time: 00:00:01', 'Rows: 6', 'Columns: 2', 'Local Template', and 'OLAP'. The system tray shows the date and time as 11:44 PM on 5/6/2017.

Distinct

Distinct



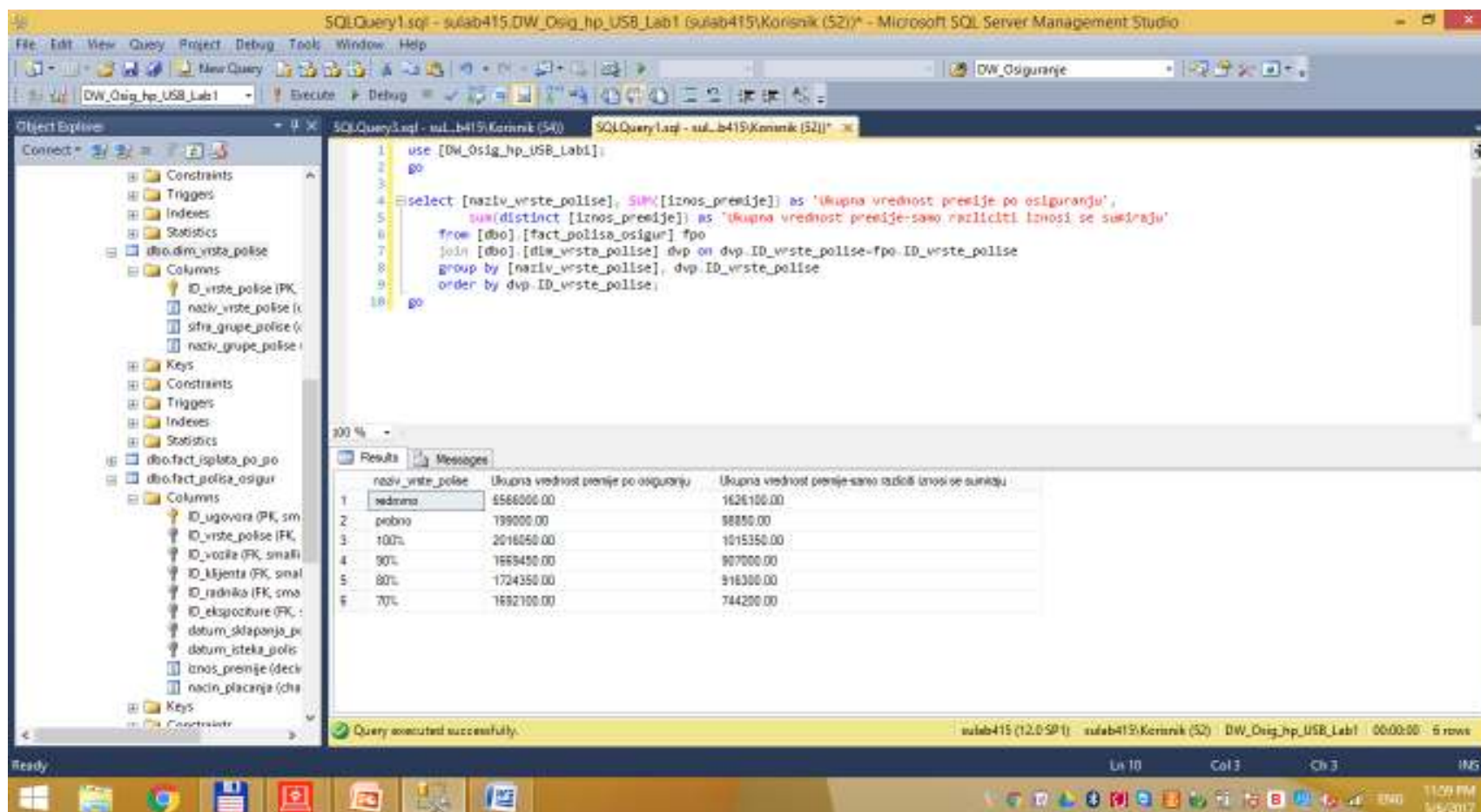
The screenshot shows an Excel window titled "BrojVistaPolisaPoDatumimaSaIBezPonavljanja". The PivotTable is set to "Corporate" and displays distinct values for "VrstaPolisa" (Policy Type) across different "UkVrPremije-Rep" (Policy Type Rep) categories. The data is summarized in the following table:

VrstaPolisa	UkVrPremije-Rep	UkVrPremijeBezPonavljanja	UkVrPremije
redovno	6.596.888	1.628.100	
probno	199.888	96.850	
100%	2.016.858	1.815.360	
90%	1.089.458	887.000	
80%	1.724.358	918.300	
70%	1.692.188	744.200	

Execution Time: 00:00:01 Rows: 6 Columns: 2 Local Template OLAP

Distinct

Distinct



The screenshot displays the Microsoft SQL Server Management Studio interface. The query editor shows a SQL query that uses the `DISTINCT` keyword to calculate the sum of premiums for different insurance types. The query is as follows:

```
1 use [DW_Osig_hp_USB_Lab1];
2 go
3
4 select [naziv_vrste_polise], SUM([iznos_premije]) as 'Ukupna vrednost premije po osiguranju',
5        SUM(distinct [iznos_premije]) as 'Ukupna vrednost premije-samo razliciti iznosi se sumiraju'
6 from [dbo].[fact_polisa_osigur] fpo
7 join [dbo].[dim_vrsta_polise] dvp on dvp.ID_vrste_polise=fpo.ID_vrste_polise
8 group by [naziv_vrste_polise], dvp.ID_vrste_polise
9 order by dvp.ID_vrste_polise;
10 go
```

The results pane shows the following data:

naziv_vrste_polise	Ukupna vrednost premije po osiguranju	Ukupna vrednost premije-samo razliciti iznosi se sumiraju
sedmna	5566000.00	1626100.00
polno	199000.00	98850.00
100%	2016050.00	1015350.00
90%	1668450.00	907000.00
80%	1724350.00	916300.00
70%	1692100.00	744200.00

The status bar at the bottom indicates that the query was executed successfully, returning 6 rows.