```
GLM Bar_Nom_Num_CarBar_Nom_Num_MovieBar_Num_Num_CarBar_Num_Num_MovieBar_Ord_Num_Car
```

Bar_Ord_Num_MovieLine_Nom_Num_CarLine_Nom_Num_MovieLine_Num_Num_CarLine
e Num Num Movie

Line_Ord_Num_CarLine_Ord_Num_MoviePie_Nom_Num_CarPie_Nom_Num_MoviePie_Num_Num_Car

Pie_Num_Num_MoviePie_Ord_Num_CarPie_Ord_Num_MovieScatter_Nom_Num_CarSc atter Nom Num Movie

Scatter_Num_Num_CarScatter_Num_Num_MovieScatter_Ord_Num_CarScatter_Ord_Num_Movie

Table_Ord_Num_Movie

/WSFACTOR=Visualziation 5 Polynomial DataAttributeTypes 3 Polynomial Dataset s 2 Polynomial

/METHOD=SSTYPE(3)

/EMMEANS=TABLES(OVERALL)

/EMMEANS=TABLES(Visualziation) COMPARE ADJ(BONFERRONI)

/EMMEANS=TABLES(DataAttributeType\$ COMPARE ADJ(BONFERRONI)

/EMMEANS=TABLES(Visualziation*DataAttributeTypes)

/PRINT=DESCRIPTIVE ETASQ OPOWER HOMOGENEITY

/CRITERIA=ALPHA(.05)

/WSDESIGN=VisualziationDataAttributeTypesDatasetsVisualziation*DataAttributeTypes

Visualziation*Datasets DataAttributeType*Datasets Visualziation*DataAttributeTypes*Datasets.

General Linear Model

Notes

Output Created		05-SEP-2016 13:01:36
Comments		
Input	Data	C: \Users\Bahador\Desktop\A nalysis\Anomalies_Accura cy.sav
	Active Dataset	DataSet10
	Filter	<none></none>
	Weight	<none></none>
	Split File	<none></none>
	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Notes GLM Bar_Nom_Num_Car **Syntax** Bar_Nom_Num_Movie Bar_Num_Num_Car Bar_Num_Num_Movie Bar_Ord_Num_Car Bar_Ord_Num_Movie Line_Nom_Num_Car Line_Nom_Num_Movie Line_Num_Num_Car Line_Ord_Num_Movie Pie_Nom_Num_Car Pie_Nom_Num_Movie Pie_Num_Num_Car Pie_Ord_Num_Car Pie_Ord_Num_Movie Table_Num_Num_Car Table_Ord_Num_Car n 5 Polynomial DataAttributeTypes 3 Polynomial Datasets 2 Polynomial (OVERALL) /EMMEANS=TABLES (Visualziation) COMPARE ADJ(BONFERRONI) /EMMEANS=TABLES (DataAttributeTypes) **COMPARE ADJ** (BONFERRONI) /EMMEANS=TABLES (Visualziation*DataAttribut eTypes) /PRINT=DESCRIPTIVE **ETASQ OPOWER HOMOGENEITY** /CRITERIA=ALPHA(.05)

Line_Num_Num_Movie Line_Ord_Num_Car Pie_Num_Num_Movie Scatter_Nom_Num_Car Scatter_Nom_Num_Movie Scatter_Num_Num_Car Scatter_Num_Num_Movie Scatter_Ord_Num_Car Scatter_Ord_Num_Movie Table_Nom_Num_Car Table_Nom_Num_Movie Table_Num_Num_Movie Table_Ord_Num_Movie /WSFACTOR=Visualziatio /METHOD=SSTYPE(3) /EMMEANS=TABLES

/WSDESIGN=Visualziatio n DataAttributeTypes **Datasets** Visualziation*DataAttribute Visualziation*Datasets DataAttributeTypes*Datas

Types

Page 3

Notes

Resources Process		Processor Time	00:00:00.02
		Elapsed Time	00:00:00.02

Warnings

The HOMOGENEITY specification in the PRINT subcommand will be ignored because there are no between-subjects factors.

Within-Subjects Factors

Visualziation	DataAttributeTypes	Datasets	Dependent Variable
1	1	1	Bar_Nom_Nu m_Car
		2	Bar_Nom_Nu m_Movie
	2	1	Bar_Num_Nu m_Car
		2	Bar_Num_Nu m_Movie
	3	1	Bar_Ord_Nu m_Car
		2	Bar_Ord_Nu m_Movie
2	1	1	Line_Nom_Nu m_Car
		2	Line_Nom_Nu m_Movie
	2	1	Line_Num_Nu m_Car
		2	Line_Num_Nu m_Movie
	3	1	Line_Ord_Nu m_Car
		2	Line_Ord_Nu m_Movie
3	1	1	Pie_Nom_Nu m_Car
		2	Pie_Nom_Nu m_Movie

Within-Subjects Factors

Visualziation	DataAttributeTypes	Datasets	Dependent Variable
	2	1	Pie_Num_Nu m_Car
		2	Pie_Num_Nu m_Movie
	3	1	Pie_Ord_Num _Car
		2	Pie_Ord_Num _Movie
4	1	1	Scatter_Nom_ Num_Car
		2	Scatter_Nom_ Num_Movie
	2	1	Scatter_Num_ Num_Car
		2	Scatter_Num_ Num_Movie
	3	1	Scatter_Ord_ Num_Car
		2	Scatter_Ord_ Num_Movie
5	1	1	Table_Nom_ Num_Car
		2	Table_Nom_ Num_Movie
	2	1	Table_Num_ Num_Car
		2	Table_Num_ Num_Movie
	3	1	Table_Ord_N um_Car
		2	Table_Ord_N um_Movie

Descriptive Statistics

	Mean	Std. Deviation	N
Bar_Nom_Num_Car	77.7778	42.77926	18
Bar_Nom_Num_Movie	72.2222	46.08886	18
Bar_Num_Num_Car	66.6667	48.50713	18
Bar_Num_Num_Movie	77.7778	42.77926	18
Bar_Ord_Num_Car	72.2222	46.08886	18
Bar_Ord_Num_Movie	83.3333	38.34825	18
Line_Nom_Num_Car	94.4444	23.57023	18
Line_Nom_Num_Movie	88.8889	32.33808	18
Line_Num_Num_Car	50.0000	51.44958	18
Line_Num_Num_Movie	66.6667	48.50713	18
Line_Ord_Num_Car	61.1111	50.16313	18
Line_Ord_Num_Movie	55.5556	51.13100	18
Pie_Nom_Num_Car	83.3333	38.34825	18
Pie_Nom_Num_Movie	88.8889	32.33808	18
Pie_Num_Num_Car	61.1111	50.16313	18
Pie_Num_Num_Movie	55.5556	51.13100	18
Pie_Ord_Num_Car	66.6667	48.50713	18
Pie_Ord_Num_Movie	61.1111	50.16313	18
Scatter_Nom_Num_Car	83.3333	38.34825	18
Scatter_Nom_Num_Movie	94.4444	23.57023	18
Scatter_Num_Num_Car	83.3333	38.34825	18
Scatter_Num_Num_Movie	77.7778	42.77926	18
Scatter_Ord_Num_Car	77.7778	42.77926	18
Scatter_Ord_Num_Movie	83.3333	38.34825	18
Table_Nom_Num_Car	88.8889	32.33808	18
Table_Nom_Num_Movie	88.8889	32.33808	18
Table_Num_Num_Car	38.8889	50.16313	18
Table_Num_Num_Movie	55.5556	51.13100	18
Table_Ord_Num_Car	72.2222	46.08886	18
Table_Ord_Num_Movie	66.6667	48.50713	18

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df
Visualziation	Pillai's Trace	.503	3.543 ^b	4.000	14.000
VisualZiation	Wilks' Lambda	.497	3.543 ^b	4.000	14.000
	Hotelling's Trace	1.012	3.543 ^b	4.000	14.000
	Roy's Largest Root	1.012	3.543 ^b	4.000	14.000
Data Attributa Tura a	Pillai's Trace		9.333 ^b		
DataAttributeTypes		.538	9.333 ^b	2.000	16.000
	Wilks' Lambda	.462		2.000	16.000
	Hotelling's Trace	1.167	9.333 ^b	2.000	16.000
_	Roy's Largest Root	1.167	9.333 ^b	2.000	16.000
Datasets	Pillai's Trace	.025	.435 ^b	1.000	17.000
	Wilks' Lambda	.975	.435 ^b	1.000	17.000
	Hotelling's Trace	.026	.435 ^b	1.000	17.000
	Roy's Largest Root	.026	.435 ^b	1.000	17.000
Visualziation * DataAttributeTypes	Pillai's Trace	.809	5.304 ^b	8.000	10.000
DataAttribute Lypes	Wilks' Lambda	.191	5.304 ^b	8.000	10.000
	Hotelling's Trace	4.243	5.304 ^b	8.000	10.000
	Roy's Largest Root	4.243	5.304 ^b	8.000	10.000
Visualziation * Datasets	Pillai's Trace	.018	.064 ^b	4.000	14.000
	Wilks' Lambda	.982	.064 ^b	4.000	14.000
	Hotelling's Trace	.018	.064 ^b	4.000	14.000
	Roy's Largest Root	.018	.064 ^b	4.000	14.000
DataAttributeTypes *	Pillai's Trace	.035	.288 ^b	2.000	16.000
Datasets	Wilks' Lambda	.965	.288 ^b	2.000	16.000
	Hotelling's Trace	.036	.288 ^b	2.000	16.000
	Roy's Largest Root	.036	.288 ^b	2.000	16.000
Visualziation *	Pillai's Trace	.401	.837 ^b	8.000	10.000
DataAttributeTypes * Datasets	Wilks' Lambda	.599	.837 ^b	8.000	10.000
	Hotelling's Trace	.669	.837 ^b	8.000	10.000
	Roy's Largest Root	.669	.837 ^b	8.000	10.000

Multivariate Tests^a

Effect		Sig.	Partial Eta Squared	Noncent. Parameter
Visualziation	Pillai's Trace	.034	.503	14.172
	Wilks' Lambda	.034	.503	14.172
	Hotelling's Trace	.034	.503	14.172
	Roy's Largest Root	.034	.503	14.172
DataAttributeTypes	Pillai's Trace	.002	.538	18.667
	Wilks' Lambda	.002	.538	18.667
	Hotelling's Trace	.002	.538	18.667
	Roy's Largest Root	.002	.538	18.667
Datasets	Pillai's Trace	.518	.025	.435
	Wilks' Lambda	.518	.025	.435
	Hotelling's Trace	.518	.025	.435
	Roy's Largest Root	.518	.025	.435
Visualziation *	Pillai's Trace	.008	.809	42.432
DataAttributeTypes	Wilks' Lambda	.008	.809	42.432
	Hotelling's Trace	.008	.809	42.432
	Roy's Largest Root	.008	.809	42.432
Visualziation * Datasets	Pillai's Trace	.992	.018	.255
	Wilks' Lambda	.992	.018	.255
	Hotelling's Trace	.992	.018	.255
	Roy's Largest Root	.992	.018	.255
DataAttributeTypes *	Pillai's Trace	.754	.035	.576
Datasets	Wilks' Lambda	.754	.035	.576
	Hotelling's Trace	.754	.035	.576
	Roy's Largest Root	.754	.035	.576
Visualziation *	Pillai's Trace	.592	.401	6.695
DataAttributeTypes * Datasets	Wilks' Lambda	.592	.401	6.695
	Hotelling's Trace	.592	.401	6.695
	Roy's Largest Root	.592	.401	6.695

Multivariate Tests^a

Effect		Observed Power ^c
Visualziation	Pillai's Trace	.724
	Wilks' Lambda	.724
	Hotelling's Trace	.724
	Roy's Largest Root	.724
DataAttributeTypes	Pillai's Trace	.948
	Wilks' Lambda	.948
	Hotelling's Trace	.948
	Roy's Largest Root	.948
Datasets	Pillai's Trace	.096
	Wilks' Lambda	.096
	Hotelling's Trace	.096
	Roy's Largest Root	.096
Visualziation *	Pillai's Trace	.932
DataAttributeTypes	Wilks' Lambda	.932
	Hotelling's Trace	.932
	Roy's Largest Root	.932
Visualziation * Datasets	Pillai's Trace	.059
	Wilks' Lambda	.059
	Hotelling's Trace	.059
	Roy's Largest Root	.059
DataAttributeTypes *	Pillai's Trace	.088
Datasets	Wilks' Lambda	.088
	Hotelling's Trace	.088
	Roy's Largest Root	.088
Visualziation *	Pillai's Trace	.216
DataAttributeTypes * Datasets	Wilks' Lambda	.216
	Hotelling's Trace	.216
	Roy's Largest Root	.216

a. Design: Intercept
 Within Subjects Design: Visualziation + DataAttributeTypes + Datasets + Visualziation *
 DataAttributeTypes + Visualziation * Datasets + Datasets + Visualziation * ...

b. Exact statistic

c.

c. Computed using alpha = .05

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi- Square	df	Sig.	Epsilon ^b Greenhouse- Geisser
Visualziation	.440	12.669	9	.180	.703
DataAttributeTypes	.993	.119	2	.942	.993
Datasets	1.000	.000	0		1.000
Visualziation * DataAttributeTypes	.018	56.459	35	.016	.600
Visualziation * Datasets	.775	3.935	9	.916	.889
DataAttributeTypes * Datasets	.676	6.271	2	.043	.755
Visualziation * DataAttributeTypes * Datasets	.070	37.532	35	.384	.625

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Epsilon^b

Within Subjects Effect	Huynh-Feldt	Lower-bound
Visualziation	.857	.250
DataAttributeTypes	1.000	.500
Datasets	1.000	1.000
Visualziation * DataAttributeTypes	.865	.125
Visualziation * Datasets	1.000	.250
DataAttributeTypes * Datasets	.813	.500
Visualziation * DataAttributeTypes * Datasets	.918	.125

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

- a. Design: Intercept
 Within Subjects Design: Visualziation + DataAttributeTypes + Datasets + Visualziation *
 DataAttributeTypes + Visualziation * Datasets + Datasets + Visualziation * ...
- b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F
Visualziation	Sphericity Assumed	16851.852	4	4212.963	3.032
	Greenhouse-Geisser	16851.852	2.813	5990.053	3.032
	Huynh-Feldt	16851.852	3.429	4915.183	3.032
	Lower-bound	16851.852	1.000	16851.852	3.032
Error(Visualziation)	Sphericity Assumed	94481.481	68	1389.434	
	Greenhouse-Geisser	94481.481	47.826	1975.517	
	Huynh-Feldt	94481.481	58.285	1621.026	
	Lower-bound	94481.481	17.000	5557.734	
DataAttributeTypes	Sphericity Assumed	49370.370	2	24685.185	10.765
	Greenhouse-Geisser	49370.370	1.985	24868.097	10.765
	Huynh-Feldt	49370.370	2.000	24685.185	10.765
	Lower-bound	49370.370	1.000	49370.370	10.765
Error(DataAttributeTypes)	Sphericity Assumed	77962.963	34	2293.028	
	Greenhouse-Geisser	77962.963	33.750	2310.019	
	Huynh-Feldt	77962.963	34.000	2293.028	
	Lower-bound	77962.963	17.000	4586.057	
Datasets	Sphericity Assumed	907.407	1	907.407	.435
	Greenhouse-Geisser	907.407	1.000	907.407	.435
	Huynh-Feldt	907.407	1.000	907.407	.435
	Lower-bound	907.407	1.000	907.407	.435
Error(Datasets)	Sphericity Assumed	35425.926	17	2083.878	
	Greenhouse-Geisser	35425.926	17.000	2083.878	
	Huynh-Feldt	35425.926	17.000	2083.878	
	Lower-bound	35425.926	17.000	2083.878	
Visualziation *	Sphericity Assumed	26370.370	8	3296.296	2.406
DataAttributeTypes	Greenhouse-Geisser	26370.370	4.800	5494.372	2.406

Source		Sig.	Partial Eta Squared	Noncent. Parameter
Visualziation	Sphericity Assumed	.023	.151	12.129
	Greenhouse-Geisser	.041	.151	8.530
	Huynh-Feldt	.031	.151	10.396
	Lower-bound	.100	.151	3.032
Error(Visualziation)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
DataAttributeTypes	Sphericity Assumed	.000	.388	21.531
	Greenhouse-Geisser	.000	.388	21.372
	Huynh-Feldt	.000	.388	21.531
	Lower-bound	.004	.388	10.765
Error(DataAttributeTypes)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Datasets	Sphericity Assumed	.518	.025	.435
	Greenhouse-Geisser	.518	.025	.435
	Huynh-Feldt	.518	.025	.435
	Lower-bound	.518	.025	.435
Error(Datasets)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Visualziation *	Sphericity Assumed	.018	.124	19.251
DataAttributeTypes	Greenhouse-Geisser	.046	.124	11.549

Source		Observed Power ^a
Visualziation	Sphericity Assumed	.775
	Greenhouse-Geisser	.658
	Huynh-Feldt	.724
	Lower-bound	.376
Error(Visualziation)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
DataAttributeTypes	Sphericity Assumed	.984
	Greenhouse-Geisser	.983
	Huynh-Feldt	.984
	Lower-bound	.871
Error(DataAttributeTypes)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
Datasets	Sphericity Assumed	.096
	Greenhouse-Geisser	.096
	Huynh-Feldt	.096
	Lower-bound	.096
Error(Datasets)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
Visualziation *	Sphericity Assumed	.883
DataAttributeTypes	Greenhouse-Geisser	.724

Source		Type III Sum of Squares	df	Mean Square	F
000.00	Huynh-Feldt	26370.370	6.917	3812.367	2.406
	Lower-bound	26370.370	1.000	26370.370	2.406
Error	Sphericity Assumed	186296.296	136	1369.826	
(Visualziation*DataAttribute	Greenhouse-Geisser	186296.296	81.592	2283.269	
Types)	Huynh-Feldt	186296.296	117.590	1584.287	
	Lower-bound	186296.296	17.000	10958.606	
Visualziation * Datasets	Sphericity Assumed	851.852	4	212.963	.086
	Greenhouse-Geisser	851.852	3.558	239.425	.086
	Huynh-Feldt	851.852	4.000	212.963	.086
	Lower-bound	851.852	1.000	851.852	.086
Error	Sphericity Assumed	167814.815	68	2467.865	
(Visualziation*Datasets)	Greenhouse-Geisser	167814.815	60.484	2774.511	
	Huynh-Feldt	167814.815	68.000	2467.865	
	Lower-bound	167814.815	17.000	9871.460	
DataAttributeTypes *	Sphericity Assumed	1148.148	2	574.074	.245
Datasets	Greenhouse-Geisser	1148.148	1.510	760.218	.245
	Huynh-Feldt	1148.148	1.626	706.149	.245
	Lower-bound	1148.148	1.000	1148.148	.245
Error	Sphericity Assumed	79518.519	34	2338.780	
(DataAttributeTypes*Datase ts)	Greenhouse-Geisser	79518.519	25.675	3097.133	
	Huynh-Feldt	79518.519	27.641	2876.855	
	Lower-bound	79518.519	17.000	4677.560	
Visualziation *	Sphericity Assumed	7925.926	8	990.741	.582
DataAttributeTypes * Datasets	Greenhouse-Geisser	7925.926	5.004	1583.958	.582
	Huynh-Feldt	7925.926	7.342	1079.604	.582
	Lower-bound	7925.926	1.000	7925.926	.582
Error	Sphericity Assumed	231407.407	136	1701.525	
(Visualziation*DataAttribute Types*Datasets)	Greenhouse-Geisser	231407.407	85.066	2720.332	
.) poo Dataootoj	Huynh-Feldt	231407.407	124.806	1854.141	
	Lower-bound	231407.407	17.000	13612.200	

Source		Sig.	Partial Eta Squared	Noncent. Parameter
	Huynh-Feldt	.025	.124	16.645
	Lower-bound	.139	.124	2.406
Error	Sphericity Assumed			
(Visualziation*DataAttribute Types)	Greenhouse-Geisser			
1,1,000)	Huynh-Feldt			
	Lower-bound			
Visualziation * Datasets	Sphericity Assumed	.986	.005	.345
	Greenhouse-Geisser	.980	.005	.307
	Huynh-Feldt	.986	.005	.345
	Lower-bound	.772	.005	.086
Error	Sphericity Assumed			
(Visualziation*Datasets)	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
DataAttributeTypes *	Sphericity Assumed	.784	.014	.491
Datasets	Greenhouse-Geisser	.722	.014	.371
	Huynh-Feldt	.738	.014	.399
	Lower-bound	.627	.014	.245
Error	Sphericity Assumed			
(DataAttributeTypes*Datase ts)	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			
Visualziation *	Sphericity Assumed	.791	.033	4.658
DataAttributeTypes * Datasets	Greenhouse-Geisser	.714	.033	2.914
Datasets	Huynh-Feldt	.777	.033	4.275
	Lower-bound	.456	.033	.582
Error	Sphericity Assumed			
(Visualziation*DataAttribute Types*Datasets)	Greenhouse-Geisser			
. , , , , , , , , , , , , , , , , , , ,	Huynh-Feldt			
	Lower-bound			

Source		Observed Power ^a
	Huynh-Feldt	.842
	Lower-bound	.310
Error	Sphericity Assumed	
(Visualziation*DataAttribute Types)	Greenhouse-Geisser	
Types)	Huynh-Feldt	
	Lower-bound	
Visualziation * Datasets	Sphericity Assumed	.067
	Greenhouse-Geisser	.066
	Huynh-Feldt	.067
	Lower-bound	.059
Error	Sphericity Assumed	
(Visualziation*Datasets)	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
DataAttributeTypes *	Sphericity Assumed	.085
Datasets	Greenhouse-Geisser	.081
	Huynh-Feldt	.082
	Lower-bound	.075
Error	Sphericity Assumed	
(DataAttributeTypes*Datase ts)	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
Visualziation *	Sphericity Assumed	.261
DataAttributeTypes * Datasets	Greenhouse-Geisser	.204
Datasets	Huynh-Feldt	.249
	Lower-bound	.111
Error	Sphericity Assumed	
(Visualziation*DataAttribute Types*Datasets)	Greenhouse-Geisser	
Typoo Datasotoj	Huynh-Feldt	
	Lower-bound	

a. Computed using alpha = .05

Source Visualziation DataAttributeTypes Datasets Squares df Visualziation Linear 9,259 1 Quadratic 165,344 1 Cubic 12675,926 1 Error(Visualziation) Linear 28490,741 17 Quadratic 20191,799 17 Cubic 13824,074 17 Order 4 31974,868 17 DataAttributeTypes Linear 23361,111 1 Cubic Quadratic 26009,259 1 Error(DataAttributeTypes) Linear 39138,889 17 Quadratic 38824,074 17 Datasets Linear 3974,407 1 Error(Datasets) Linear 38424,074 17 Visualziation* Linear 38424,074 17 Quadratic 4449,074 1 Error(Datasets) Linear 3581,349 1 Quadratic 1000000000000000000000000000000000000	Measure: MEASURE_1				Type III Sum of	
Quadratic 165,344 1	Source	Visualziation	DataAttributeTypes	Datasets		df
Cubic 12675,926	Visualziation	Linear			9.259	1
Error(Visualziation) Linear 4001.323 1 Error(Visualziation) Linear 28490.741 17 Quadratic 20191.799 17 Cubic 13824.074 17 Order 4 31974.868 17 DataAttributeTypes Linear 23361.111 1 Error(DataAttributeTypes) Linear 39138.889 17 Quadratic 38824.074 17 Datasets Linear 39138.889 17 Error(Datasets) Linear 907.407 1 Error (Datasets) Linear 58425.926 17 Visualziation* DataAttributeTypes Linear 1680.556 1 Quadratic 4449.074 1 1 Quadratic 558.862 1 Quadratic 558.862 1 Quadratic 6685.185 1 Crobic Linear 15069.444 17 Quadratic 1380.926 17 Quadratic 1380.926		Quadratic			165.344	1
Error(Visualziation) Linear 28490.741 17 Quadratic 20191.799 17 Cubic 13824.074 17 Order 4 31974.868 17 DataAttributeTypes Linear 23361.111 1 Error(DataAttributeTypes) Linear 39138.889 17 Quadratic 38824.074 17 Datasets Linear 907.407 1 Error(Datasets) Linear 907.407 1 Error(Datasets) Linear 680.556 17 Visualziation * Linear 680.556 1 Quadratic 4449.074 1 Quadratic 4449.074 1 Quadratic 558.862 1 Quadratic 558.862 1 Quadratic 6685.185 1 Error Quadratic 9358.889 1 (Visualziation*DataAttribute 1 Quadratic 13800.926 1 Types) Quadratic 13800.926		Cubic			12675.926	1
Quadratic 20191.799 17		Order 4			4001.323	1
Cubic 13824.074 17 Order 4 31974.868 17 DataAttributeTypes Linear 23361.111 1 Error(DataAttributeTypes) Linear 39138.889 17 Quadratic 38824.074 17 Datasets Linear 907.407 1 Error(Datasets) Linear 907.407 1 Fror(Datasets) Linear 680.556 17 Visualziation* Linear 680.556 1 Quadratic 4449.074 1 1 Quadratic 4449.074 1 1 Quadratic 558.862 1 1 Quadratic 558.862 1 1 Quadratic 6685.185 1 1 Quadratic 9388.889 1 1 Error Linear 71.429 1 Error Linear 15069.444 17 (Visualziation*DataAttribute Quadratic 1380.926 17	Error(Visualziation)	Linear			28490.741	17
DataAttributeTypes		Quadratic			20191.799	17
Linear 23361.111 1 Quadratic 26009.259 1 Error(DataAttributeTypes) Linear 39138.889 17 Quadratic 38824.074 17 Datasets Linear 907.407 1 Error(Datasets) Linear 35425.926 17 Visualziation * Linear 680.556 1 DataAttributeTypes Linear 4449.074 1 Quadratic Linear 3581.349 1 Quadratic 558.862 1 Quadratic 558.862 1 Quadratic 6685.185 1 Quadratic 6685.185 1 Quadratic 955.026 1 Error Linear 15069.444 17 (Visualziation*DataAttribute Linear 15069.444 17 Quadratic 13800.926 17 Quadratic 13800.926 17 Quadratic 28611.111 17 Quadratic 2		Cubic			13824.074	17
Carror C		Order 4			31974.868	17
Error(DataAttributeTypes Linear 39138.889 17 17 17 17 18 17 18 17 18 17 18 18	DataAttributeTypes		Linear		23361.111	1
Datasets Linear 907.407 1			Quadratic		26009.259	1
Datasets Linear 907.407 1	Error(DataAttributeTypes)		Linear		39138.889	17
Linear S5425.926 17			Quadratic		38824.074	17
Visualziation * DataAttributeTypes Linear Linear 680.556 1 Quadratic 4449.074 1 Quadratic 3581.349 1 Quadratic 558.862 1 Cubic Linear 9388.889 1 Quadratic 6685.185 1 Croder 4 Linear 71.429 1 Quadratic 955.026 1 Error (Visualziation*DataAttribute Types) Linear 15069.444 17 Quadratic 13800.926 17 Quadratic 30525.794 17 Quadratic 36762.566 17 Quadratic 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714	Datasets			Linear	907.407	1
DataAttributeTypes	Error(Datasets)			Linear	35425.926	17
Quadratic Linear 3581.349 1		Linear	Linear		680.556	1
Quadratic 558.862 1	DataAttributeTypes		Quadratic		4449.074	1
Cubic Linear 9388.889 1 Quadratic 6685.185 1 Order 4 Linear 71.429 1 Quadratic 955.026 1 Error (Visualziation*DataAttribute Types) Linear 15069.444 17 Quadratic 13800.926 17 Quadratic 13800.926 17 Quadratic 30525.794 17 Quadratic 36762.566 17 Quadratic 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1		Quadratic	Linear		3581.349	1
Quadratic G685.185 1			Quadratic		558.862	1
Order 4 Linear 71.429 1 Quadratic 955.026 1 Error (Visualziation*DataAttribute Types) Linear 15069.444 17 Quadratic 13800.926 17 Quadratic 30525.794 17 Quadratic 36762.566 17 Quadratic 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1		Cubic	Linear		9388.889	1
Cubic Linear Li			Quadratic		6685.185	1
Linear Linear Linear 15069.444 17		Order 4	Linear		71.429	1
(Visualziation*DataAttribute Types) Quadratic 13800.926 17 Quadratic 15800.926 17 Quadratic 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 9.259 1 Cubic Linear 9.259 1 Cubic Linear 83.333 1			Quadratic		955.026	1
Types) Quadratic Linear 30525.794 17 Quadratic S6762.566 17 Cubic Linear 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1		Linear	Linear		15069.444	17
Quadratic Linear 30525.794 17 Quadratic 36762.566 17 Cubic Linear 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1			Quadratic		13800.926	17
Cubic Linear 28611.111 17 Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1	Types)	Quadratic	Linear		30525.794	17
Quadratic 21314.815 17 Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1			Quadratic		36762.566	17
Order 4 Linear 17071.429 17 Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1		Cubic	Linear		28611.111	17
Quadratic 23140.212 17 Visualziation * Datasets Linear Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1			Quadratic		21314.815	17
Visualziation * Datasets Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1		Order 4	Linear		17071.429	17
Visualziation * Datasets Linear 9.259 1 Quadratic Linear 535.714 1 Cubic Linear 83.333 1			Quadratic		23140.212	17
Cubic Linear 83.333 1	Visualziation * Datasets	Linear		Linear		1
Cubic Linear 83.333 1		Quadratic		Linear	535.714	1
		Cubic		Linear		1
						1

Source	Visualziation	DataAttributeTypes	Datasets	Mean Square	F
Visualziation	Linear			9.259	.006
	Quadratic			165.344	.139
	Cubic			12675.926	15.588
	Order 4			4001.323	2.127
Error(Visualziation)	Linear			1675.926	
	Quadratic			1187.753	
	Cubic			813.181	
	Order 4			1880.875	
DataAttributeTypes		Linear		23361.111	10.147
		Quadratic		26009.259	11.389
Error(DataAttributeTypes)		Linear		2302.288	
		Quadratic		2283.769	
Datasets			Linear	907.407	.435
Error(Datasets)			Linear	2083.878	
Visualziation *	Linear	Linear		680.556	.768
DataAttributeTypes		Quadratic		4449.074	5.480
	Quadratic	Linear		3581.349	1.994
		Quadratic		558.862	.258
	Cubic	Linear		9388.889	5.579
		Quadratic		6685.185	5.332
	Order 4	Linear		71.429	.071
		Quadratic		955.026	.702
Error	Linear	Linear		886.438	
(Visualziation*DataAttribute Types)		Quadratic		811.819	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Quadratic	Linear		1795.635	
		Quadratic		2162.504	
	Cubic	Linear		1683.007	
		Quadratic		1253.813	
	Order 4	Linear		1004.202	
		Quadratic		1361.189	
Visualziation * Datasets	Linear		Linear	9.259	.003
	Quadratic		Linear	535.714	.179
	Cubic		Linear	83.333	.036
	Order 4		Linear	223.545	.118

Source	Visualziation	DataAttributeTypes	Datasets	Sig.	Partial Eta Squared
Visualziation	Linear			.942	.000
	Quadratic			.714	.008
	Cubic			.001	.478
	Order 4			.163	.111
Error(Visualziation)	Linear				
	Quadratic				
	Cubic				
	Order 4				
DataAttributeTypes		Linear		.005	.374
		Quadratic		.004	.401
Error(DataAttributeTypes)		Linear			
		Quadratic			
Datasets			Linear	.518	.025
Error(Datasets)			Linear		
Visualziation *	Linear	Linear		.393	.043
DataAttributeTypes		Quadratic		.032	.244
	Quadratic	Linear		.176	.105
		Quadratic		.618	.015
	Cubic	Linear		.030	.247
		Quadratic		.034	.239
	Order 4	Linear		.793	.004
		Quadratic		.414	.040
Error	Linear	Linear			
(Visualziation*DataAttribute Types)		Quadratic			
.) [00]	Quadratic	Linear			
		Quadratic			
	Cubic	Linear			
		Quadratic			
	Order 4	Linear			
		Quadratic			
Visualziation * Datasets	Linear		Linear	.954	.000
	Quadratic		Linear	.677	.010
	Cubic		Linear	.852	.002
	Order 4		Linear	.735	.007

Source	Visualziation	DataAttributeTypes	Datasets	Noncent. Parameter
Visualziation	Linear			.006
	Quadratic			.139
	Cubic			15.588
	Order 4			2.127
Error(Visualziation)	Linear			
	Quadratic			
	Cubic			
	Order 4			
DataAttributeTypes		Linear		10.147
		Quadratic		11.389
Error(DataAttributeTypes)		Linear		
		Quadratic		
Datasets			Linear	.435
Error(Datasets)			Linear	
Visualziation *	Linear	Linear		.768
DataAttributeTypes		Quadratic		5.480
	Quadratic	Linear		1.994
		Quadratic		.258
	Cubic	Linear		5.579
		Quadratic		5.332
	Order 4	Linear		.071
		Quadratic		.702
Error	Linear	Linear		
(Visualziation*DataAttribute Types)		Quadratic		
1,7,000/	Quadratic	Linear		
		Quadratic		
	Cubic	Linear		
		Quadratic		
	Order 4	Linear		
		Quadratic		
Visualziation * Datasets	Linear		Linear	.003
	Quadratic		Linear	.179
	Cubic		Linear	.036
	Order 4		Linear	.118

Source	Visualziation	DataAttributeTypes	Datasets	Observed Power ^a
Visualziation	Linear			.051
	Quadratic			.064
	Cubic			.961
	Order 4			.280
Error(Visualziation)	Linear			
	Quadratic			
	Cubic			
	Order 4			
DataAttributeTypes		Linear		.851
		Quadratic		.889
Error(DataAttributeTypes)		Linear		
		Quadratic		
Datasets			Linear	.096
Error(Datasets)			Linear	
Visualziation *	Linear	Linear		.131
DataAttributeTypes		Quadratic		.598
	Quadratic	Linear		.266
		Quadratic		.077
	Cubic	Linear		.605
		Quadratic		.586
	Order 4	Linear		.057
		Quadratic		.124
Error	Linear	Linear		
(Visualziation*DataAttribute Types)		Quadratic		
1,7,000/	Quadratic	Linear		
		Quadratic		
	Cubic	Linear		
		Quadratic		
	Order 4	Linear		
		Quadratic		
Visualziation * Datasets	Linear		Linear	.050
	Quadratic		Linear	.069
	Cubic		Linear	.054
	Order 4		Linear	.062

_				Type III Sum of	
Source	Visualziation	DataAttributeTypes	Datasets	Squares	df
Error	Linear		Linear	45157.407	17
(Visualziation*Datasets)	Quadratic		Linear	50773.810	17
	Cubic		Linear	39750.000	17
	Order 4		Linear	32133.598	17
DataAttributeTypes *		Linear	Linear	27.778	1
Datasets		Quadratic	Linear	1120.370	1
Error		Linear	Linear	40472.222	17
<pre>(DataAttributeTypes*Datase ts)</pre>		Quadratic	Linear	39046.296	17
Visualziation *	Linear	Linear	Linear	1125.000	1
DataAttributeTypes * Datasets		Quadratic	Linear	115.741	1
Dataooto	Quadratic	Linear	Linear	803.571	1
		Quadratic	Linear	1458.333	1
	Cubic	Linear	Linear	55.556	1
		Quadratic	Linear	4166.667	1
	Order 4	Linear	Linear	71.429	1
		Quadratic	Linear	129.630	1
Error	Linear	Linear	Linear	11625.000	17
(Visualziation*DataAttribute Types*Datasets)		Quadratic	Linear	30467.593	17
. ypeo zalacele,	Quadratic	Linear	Linear	19732.143	17
		Quadratic	Linear	19910.714	17
	Cubic	Linear	Linear	40944.444	17
		Quadratic	Linear	41500.000	17
	Order 4	Linear	Linear	42642.857	17
		Quadratic	Linear	24584.656	17

					_
Source	Visualziation	DataAttributeTypes	Datasets	Mean Square	F
Error (Visualziation*Datasets)	Linear		Linear	2656.318	
(Visualziation Datasets)	Quadratic		Linear	2986.695	
	Cubic		Linear	2338.235	
	Order 4		Linear	1890.212	
DataAttributeTypes *		Linear	Linear	27.778	.012
Datasets		Quadratic	Linear	1120.370	.488
Error		Linear	Linear	2380.719	
(DataAttributeTypes*Datase ts)		Quadratic	Linear	2296.841	
Visualziation *	Linear	Linear	Linear	1125.000	1.645
DataAttributeTypes * Datasets		Quadratic	Linear	115.741	.065
Balacoto	Quadratic	Linear	Linear	803.571	.692
		Quadratic	Linear	1458.333	1.245
	Cubic	Linear	Linear	55.556	.023
		Quadratic	Linear	4166.667	1.707
	Order 4	Linear	Linear	71.429	.028
		Quadratic	Linear	129.630	.090
Error	Linear	Linear	Linear	683.824	
(Visualziation*DataAttribute Types*Datasets)		Quadratic	Linear	1792.211	
Typoo Dataooto,	Quadratic	Linear	Linear	1160.714	
		Quadratic	Linear	1171.218	
	Cubic	Linear	Linear	2408.497	
		Quadratic	Linear	2441.176	
	Order 4	Linear	Linear	2508.403	
		Quadratic	Linear	1446.156	

Source	Visualziation	DataAttributeTypes	Datasets	Sig.	Partial Eta Squared
Error	Linear		Linear		
(Visualziation*Datasets)	Quadratic		Linear		
	Cubic		Linear		
	Order 4		Linear		
DataAttributeTypes *		Linear	Linear	.915	.001
Datasets		Quadratic	Linear	.494	.028
Error		Linear	Linear		
(DataAttributeTypes*Datase ts)		Quadratic	Linear		
Visualziation *	Linear	Linear	Linear	.217	.088
DataAttributeTypes * Datasets		Quadratic	Linear	.802	.004
Datasets	Quadratic	Linear	Linear	.417	.039
		Quadratic	Linear	.280	.068
	Cubic	Linear	Linear	.881	.001
		Quadratic	Linear	.209	.091
	Order 4	Linear	Linear	.868	.002
		Quadratic	Linear	.768	.005
Error	Linear	Linear	Linear		
(Visualziation*DataAttribute Types*Datasets)		Quadratic	Linear		
Types Databote,	Quadratic	Linear	Linear		
		Quadratic	Linear		
	Cubic	Linear	Linear		
		Quadratic	Linear		
	Order 4	Linear	Linear		
		Quadratic	Linear		

Source	Visualziation	DataAttributeTypes	Datasets	Noncent. Parameter
Error (Visualziation*Datasets)	Linear		Linear	
	Quadratic		Linear	
	Cubic		Linear	
	Order 4		Linear	
DataAttributeTypes *		Linear	Linear	.012
Datasets		Quadratic	Linear	.488
Error		Linear	Linear	
(DataAttributeTypes*Datase ts)		Quadratic	Linear	
Visualziation *	Linear	Linear	Linear	1.645
DataAttributeTypes * Datasets		Quadratic	Linear	.065
	Quadratic	Linear	Linear	.692
		Quadratic	Linear	1.245
	Cubic	Linear	Linear	.023
		Quadratic	Linear	1.707
	Order 4	Linear	Linear	.028
		Quadratic	Linear	.090
Error	Linear	Linear	Linear	
(Visualziation*DataAttribute Types*Datasets)		Quadratic	Linear	
	Quadratic	Linear	Linear	
		Quadratic	Linear	
	Cubic	Linear	Linear	
		Quadratic	Linear	
	Order 4	Linear	Linear	
		Quadratic	Linear	

Source	Visualziation	DataAttributeTypes	Datasets	Observed Power ^a
Error	Linear	··	Linear	
(Visualziation*Datasets)	Quadratic		Linear	
	Cubic		Linear	
	Order 4		Linear	
DataAttributeTypes *		Linear	Linear	.051
Datasets		Quadratic	Linear	.101
Error		Linear	Linear	
(DataAttributeTypes*Datase ts)		Quadratic	Linear	
Visualziation *	Linear	Linear	Linear	.228
DataAttributeTypes * Datasets		Quadratic	Linear	.057
	Quadratic	Linear	Linear	.123
		Quadratic	Linear	.184
	Cubic	Linear	Linear	.052
		Quadratic	Linear	.234
	Order 4	Linear	Linear	.053
		Quadratic	Linear	.059
Error	Linear	Linear	Linear	
(Visualziation*DataAttribute Types*Datasets)		Quadratic	Linear	
	Quadratic	Linear	Linear	
		Quadratic	Linear	
	Cubic	Linear	Linear	
		Quadratic	Linear	
	Order 4	Linear	Linear	
		Quadratic	Linear	

a. Computed using alpha = .05

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	2889351.852	1	2889351.852	582.566	.000	.972
Error	84314.815	17	4959.695			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power ^a
Intercept	582.566	1.000
Error		

a. Computed using alpha = .05

Estimated Marginal Means

1. Grand Mean

Measure: MEASURE_1

		95% Confidence Interval			
Mean	Std. Error	Lower Bound Upper Boun			
73.148	3.031	66.754	79.542		

2. Visualziation

Estimates

			95% Confidence Interval		
Visualziation	Mean	Std. Error	Lower Bound	Upper Bound	
1	75.000	4.905	64.652	85.348	
2	69.444	3.870	61.279	77.610	
3	69.444	4.716	59.495	79.394	
4	83.333	3.811	75.293	91.374	
5	68.519	4.646	58.716	78.321	

Pairwise Comparisons

Measure. MLAC)ONE_1	Mean			95% Confidence ^b
(I) Visualziation	(J) Visualziation	Difference (I-J)	Std. Error	Sig.b	Lower Bound
1	2	5.556	5.717	1.000	-12.866
	3	5.556	5.219	1.000	-11.261
	4	-8.333	7.034	1.000	-30.999
	5	6.481	5.413	1.000	-10.962
2	1	-5.556	5.717	1.000	-23.977
	3	.000	4.858	1.000	-15.655
	4	-13.889 [*]	4.098	.035	-27.095
	5	.926	3.922	1.000	-11.712
3	1	-5.556	5.219	1.000	-22.372
	2	.000	4.858	1.000	-15.655
	4	-13.889	5.432	.204	-31.392
	5	.926	3.428	1.000	-10.120
4	1	8.333	7.034	1.000	-14.333
	2	13.889 [*]	4.098	.035	.683
	3	13.889	5.432	.204	-3.614
	5	14.815	4.646	.054	156
5	1	-6.481	5.413	1.000	-23.925
	2	926	3.922	1.000	-13.564
	3	926	3.428	1.000	-11.972
	4	-14.815	4.646	.054	-29.786

Pairwise Comparisons

Measure: MEASURE_1

95% Confidence Interval for ^b...

(I) Visualziation	(J) Visualziation	Upper Bound
1	2	23.977
	3	22.372
	4	14.333
	5	23.925
2	1	12.866
	3	15.655
	4	683
	5	13.564
3	1	11.261
	2	15.655
	4	3.614
	5	11.972
4	1	30.999
	2	27.095
	3	31.392
	5	29.786
5	1	10.962
	2	11.712
	3	10.120
	4	.156

Based on estimated marginal means

b. Adjustment for multiple comparisons: Bonferroni.

^{*.} The mean difference is significant at the .05 level.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.503	3.543 ^a	4.000	14.000	.034	.503
Wilks' lambda	.497	3.543 ^a	4.000	14.000	.034	.503
Hotelling's trace	1.012	3.543 ^a	4.000	14.000	.034	.503
Roy's largest root	1.012	3.543 ^a	4.000	14.000	.034	.503

Multivariate Tests

	Noncent. Parameter	Observed Power ^b
Pillai's trace	14.172	.724
Wilks' lambda	14.172	.724
Hotelling's trace	14.172	.724
Roy's largest root	14.172	.724

Each F tests the multivariate effect of Visualziation. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

- a. Exact statistic
- b. Computed using alpha = .05

3. DataAttributeTypes

Estimates

			95% Confidence Interval		
DataAttributeTypes	Mean	Std. Error	Lower Bound	Upper Bound	
1	86.111	4.724	76.145	96.077	
2	63.333	4.501	53.836	72.830	
3	70.000	3.234	63.177	76.823	

Pairwise Comparisons

Measure: MEASURE_1

		Mean			95% Confidence ^b
(I) DataAttributeTypes	(J) DataAttributeTypes	Difference (I-J)	Std. Error	Sig. ^b	Lower Bound
1	2	22.778*	5.227	.001	8.900
	3	16.111 [*]	5.058	.016	2.683
2	1	-22.778 [*]	5.227	.001	-36.656
	3	-6.667	4.851	.562	-19.545
3	1	-16.111 [*]	5.058	.016	-29.539
	2	6.667	4.851	.562	-6.212

Pairwise Comparisons

Measure: MEASURE_1

95% Confidence Interval for ^b...

(I) DataAttributeTypes	(J) DataAttributeTypes	Upper Bound
1	2	36.656
	3	29.539
2	1	-8.900
	3	6.212
3	1	-2.683
	2	19.545

Based on estimated marginal means

- $^{\star}.$ The mean difference is significant at the .05 level.
- b. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.538	9.333 ^a	2.000	16.000	.002	.538
Wilks' lambda	.462	9.333 ^a	2.000	16.000	.002	.538
Hotelling's trace	1.167	9.333 ^a	2.000	16.000	.002	.538
Roy's largest root	1.167	9.333 ^a	2.000	16.000	.002	.538

Multivariate Tests

	Noncent. Parameter	Observed Power ^b	
Pillai's trace	18.667	.948	
Wilks' lambda	18.667	.948	
Hotelling's trace	18.667	.948	
Roy's largest root	18.667	.948	

Each F tests the multivariate effect of DataAttributeTypes. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

- a. Exact statistic
- b. Computed using alpha = .05

4. Visualziation * DataAttributeTypes

Measure: MEASURE_1

				95% Confidence Interval	
Visualziation	DataAttributeTypes	Mean	Std. Error	Lower Bound	Upper Bound
1	1	75.000	7.287	59.625	90.375
	2	72.222	7.256	56.913	87.531
	3	77.778	7.256	62.469	93.087
2	1	91.667	4.519	82.132	101.202
	2	58.333	7.287	42.958	73.708
	3	58.333	6.063	45.541	71.126
3	1	86.111	6.771	71.826	100.396
	2	58.333	9.262	38.792	77.874
	3	63.889	5.432	52.429	75.349
4	1	88.889	5.042	78.252	99.526
	2	80.556	5.912	68.083	93.028
	3	80.556	7.162	65.446	95.665
5	1	88.889	7.622	72.808	104.970
	2	47.222	7.532	31.330	63.114
	3	69.444	8.224	52.094	86.795

Your license will expire in 7 days.