Statistical Analysis of Earnings

in terms of Days, Meal times and UBER Pro Levels

Situation:

My earnings per delivery seems to differ as I completed more delivery runs. I tried to find whether there is a significant and meaningful difference among days, meal times and uber pro level in terms of earnings.
I'll analyse base and total earnings for each delivery run.

There are four elements in total earning of a single delivery earning.
Base earning: This is the sole earning as you complete your delivery. **Surge:** Delivery supplement in rush hours. **Boost:** Delivery supplement in idle hours. **Tip:** Additional complementary payment by customer. We will analyse two different earning types: Base earning and Delivery earning(base+surge)

1. Base Earning analysis

1.1 T-Test of Base Earning for Weekdays and Weekend's Earnings

In this test, I tried to find whether there is a significant difference between Weekdays and Weekends in terms of delivery base earnings.
Weekends includes Friday, Saturday and Sunday, and weekdays are Monday to Thursday. Earnings represents base earning for each delivery run.

Ho: There is no significant diffence between weekday and weekend base earnings.
Ha: There is a significant diffence between weekday and weekend base earnings.

1. First, we analyse the sample sizes and means. There is slight difference between weekday and weekend earning's means. To see if this difference is signif

icant, we apply independent t test.

Notes

Output Created		24-NOV-2022 10:36:26
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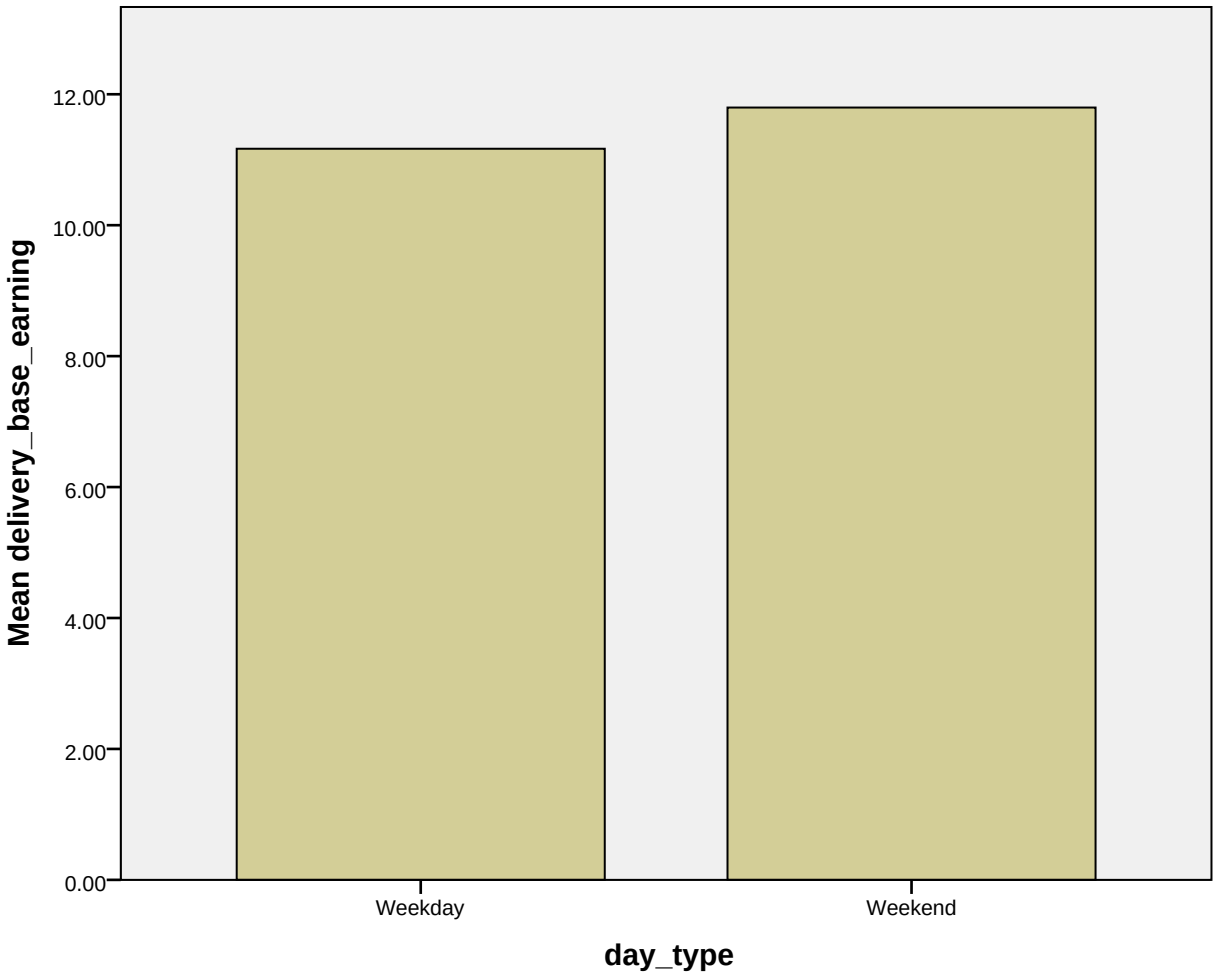
Group Statistics

	day_type	N	Mean	Std. Deviation	Std. Error Mean
delivery_base_earning	Weekday	527	11.1678	5.30852	.23124
	Weekend	706	11.7971	5.50313	.20711



Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of
		F	Sig.	t
delivery_base_earning	Equal variances assumed	.429	.513	-2.017
	Equal variances not assumed			-2.027

Independent Samples Test

		t-test for Equality of Means		
		df	Sig. (2-tailed)	Mean Difference
delivery_base_earning	Equal variances assumed	1231	.044	-.62928
	Equal variances not assumed	1154.224	.043	-.62928

Independent Samples Test

		t-test for Equality of Means		
		Std. Error Difference	95% Confidence Interval of the Difference	
			Lower	Upper
delivery_base_earning	Equal variances assumed	.31206	-1.24151	-.01705
	Equal variances not assumed	.31043	-1.23836	-.02020

2.In t-test we need to see if variances of two groups are comparable. As we check the Levine's test result, p value is greater than our confidence level(95%), F-Sig. 0.513 > 0.05.
Therefore there is no difference between variances, so that we use the top line for analysis.

3.In this phase we will look at p value (sid.2 tailed) to interpret our result. Since p value(0.044) < 0.05, we may conlude our analysis as "The difference of means is meaningful".

Conclusion: We can say weekend base earnings are slightly higher than weekday earnings.

1.2 T-Test of Base Earning for Lunch and Dinner Time

In this test, I tried to find whether there is a significant difference between lucnh and dinner time in terms of delivery base earnings.
Lunch time is before 17:00 and dinner time is after.

Notes

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Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=period(1 2) /MISSING=ANALYSIS /VARIABLES=delivery_base_earning /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
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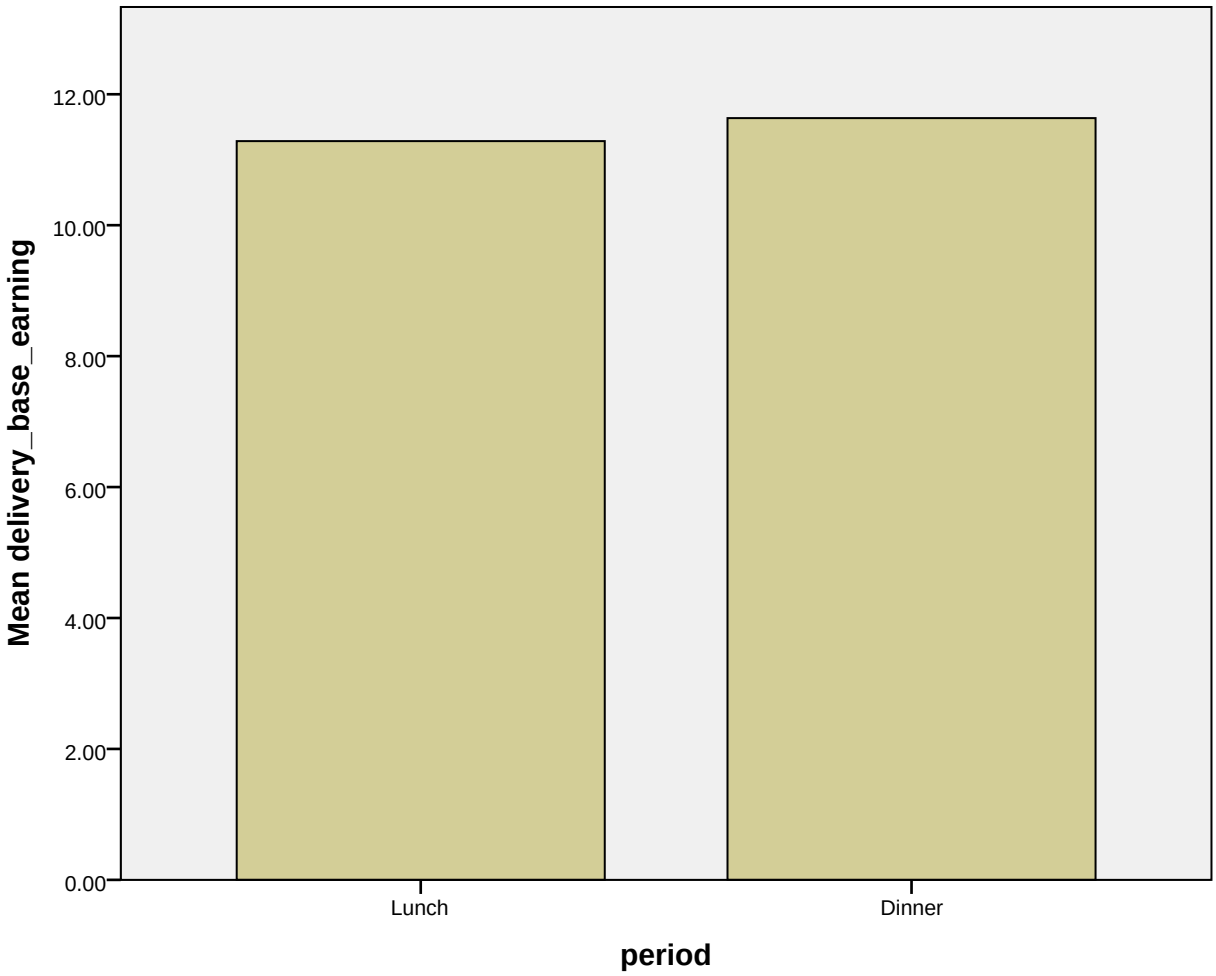
Ho: There is no significant diffence between lunch and dinner time base earnings.
Ha: There is a significant diffence between lunch and dinner time base earnings.

1. There is slight difference between lunch and dinner time base earnings.

Group Statistics

	period	N	Mean	Std. Deviation	Std. Error Mean
delivery_base_earning	Lunch	377	11.2841	5.59762	.28829
	Dinner	856	11.6356	5.35076	.18289



Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of
		F	Sig.	t
delivery_base_earning	Equal variances assumed	1.364	.243	-1.048
	Equal variances not assumed			-1.030

Independent Samples Test

		t-test for Equality of Means		
		df	Sig. (2-tailed)	Mean Difference
delivery_base_earning	Equal variances assumed	1231	.295	-.35150
	Equal variances not assumed	690.354	.304	-.35150

Independent Samples Test

		t-test for Equality of Means		
		Std. Error Difference	95% Confidence Interval of the Difference	
			Lower	Upper
delivery_base_earning	Equal variances assumed	.33548	-1.00967	.30667
	Equal variances not assumed	.34141	-1.02182	.31883

2. As we check the Levine's test result, p value is greater than our confidence level(95%), F-Sig. 0.0.243 > 0.05.
There is no difference between variances, so that we can progress with top line.

3.In this phase we will look at p value (sid.2 tailed) to interpret our result. Since p value(0.295) > 0.05, We accept the Ho and say there is no significant difference.

Conclusion: We can say there is no significant difference between lunch and dinner time base earnings.

1.3 ANOVA of Base Earning for UBER pro level

In UBER Eats, as you complete single delivery run, you earn some exrerience points. Regarding your points your UBER pro level upgrades and provide you some additional amenities, such as fuel discount.There are 4 pro levels degrees of which are green, gold, platinum and diamond respectively. With this analysis, it can be deduce if there is significant diffence in base earnings.

Ho: There is no significant diffence between uber pro levels in terms of base earnings.
Ha: There is a significant diffence between uber pro levels in terms of base earnings.

Test of Homogeneity of Variances

delivery_base_earning

Levene Statistic	df1	df2	Sig.
2.182	3	1229	.088

1. Test of homogeneity shows us Sig. level (.088) is over 0.05, which means there is no difference between the variences of four groups and they can be comparable.

ANOVA

delivery_base_earning

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	378.870	3	126.290	4.322	.005
Within Groups	35914.024	1229	29.222		
Total	36292.895	1232			

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
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Resources	Processor Time	00:00:00.00
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2.P value 0.005< CI level (0.05), indicates that there is a meaningful difference between group's means. To analyse this difference we'll examine the post hoc tests.

Post Hoc Tests

3. In descriptive analysis, results there is a slightly incresing difference in means as the pro level increases. Multiple Comparision table reveals the significance of these differences.

Descriptives

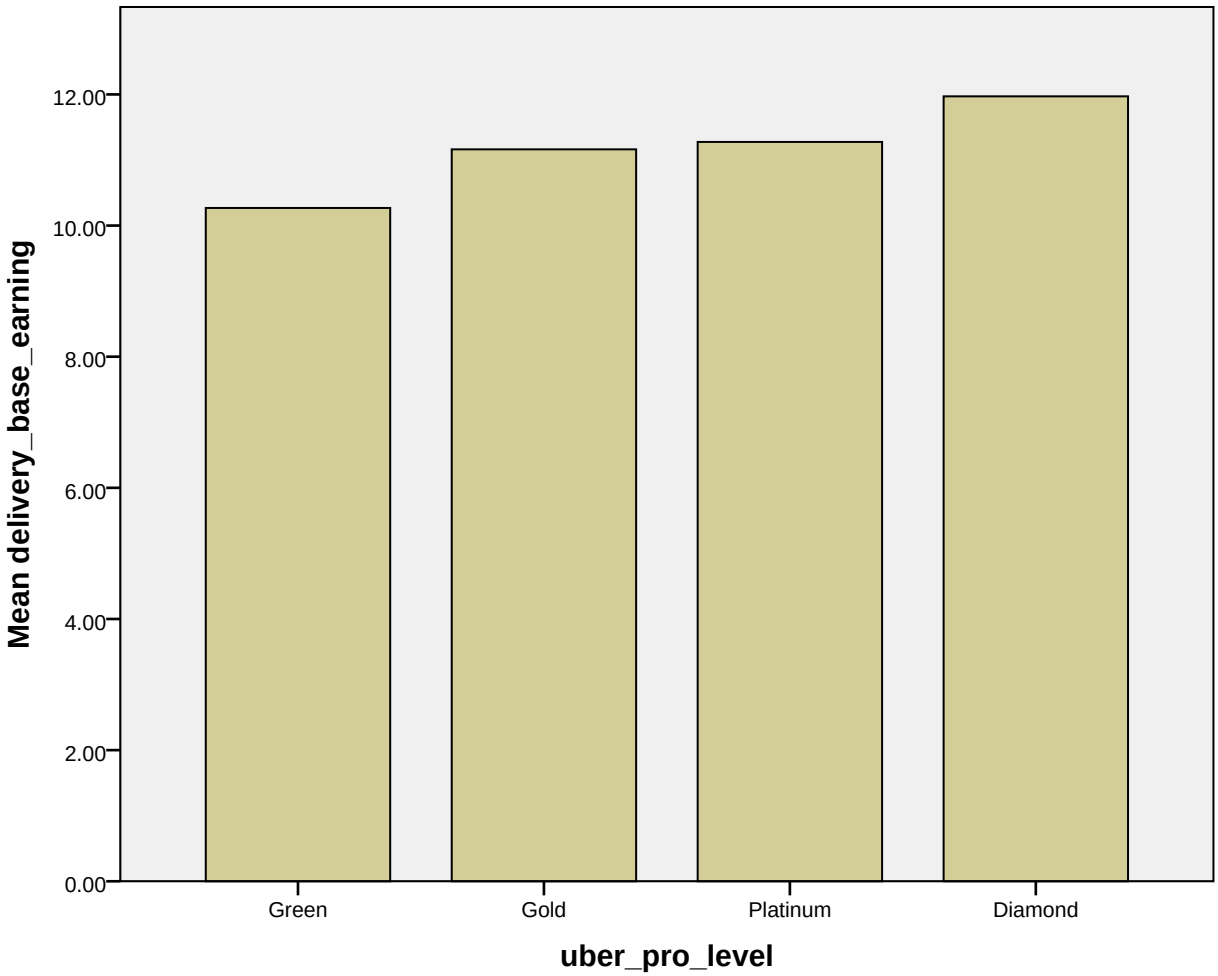
delivery_base_earning

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Green	130	10.2682	4.50794	.39537	9.4859	11.0504
Gold	197	11.1620	5.60044	.39901	10.3751	11.9489
Platinum	237	11.2750	5.52286	.35875	10.5683	11.9818
Diamond	669	11.9705	5.46444	.21127	11.5556	12.3853
Total	1233	11.5281	5.42757	.15457	11.2249	11.8314

Descriptives

delivery_base_earning

	Minimum	Maximum
Green	4.62	26.58
Gold	5.00	36.87
Platinum	5.00	36.26
Diamond	5.00	34.55
Total	4.62	36.87


Mean delivery_base_earning
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Green
Gold
Platinum
Diamond
uber_pro_level

Multiple Comparisons

Dependent Variable: delivery_base_earning

Scheffe

(I) uber_pro_level	(J) uber_pro_level	Mean Difference (I-J)	Std. Error	Sig.	95% ... Lower Bound
Green	Gold	-.89383	.61084	.544	-2.6038
	Platinum	-1.00687	.58999	.406	-2.6585
	Diamond	-1.70231*	.51814	.013	-3.1528
Gold	Green	.89383	.61084	.544	-.8161
	Platinum	-.11304	.52119	.997	-1.5720
	Diamond	-.80848	.43820	.334	-2.0352
Platinum	Green	1.00687	.58999	.406	-.6447
	Gold	.11304	.52119	.997	-1.3460
	Diamond	-.69544	.40863	.408	-1.8394
Diamond	Green	1.70231*	.51814	.013	.2519
	Gold	.80848	.43820	.334	-.4182
	Platinum	.69544	.40863	.408	-.4485

Multiple Comparisons

Dependent Variable: delivery_base_earning

Scheffe

(I) uber_pro_level	(J) uber_pro_level	95% Confidence Upper Bound
Green	Gold	.8161
	Platinum	.6447
	Diamond	-.2519
Gold	Green	2.6038
	Platinum	1.3460
	Diamond	.4182
Platinum	Green	2.6585
	Gold	1.5720
	Diamond	.4485
Diamond	Green	3.1528
	Gold	2.0352
	Platinum	1.8394

*. The mean difference is significant at the 0.05 level.

4. As we examine the significance values in multiple comparison table, we can

say only meaningful difference is between green and diamond pro levels, which is $1.7. Other groups have no meaningful difference.

Conclusion: Green level, when I made my first deliveries, my base earnings were slightly low. As I graded up in pro levels, base earnings per order didn't affected by pro levels.

2. Delivery Earning analysis (Base+Surge)

Notes

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2.1 T-Test for delivery earning for Lunch and Dinner Time

In this test, I tried to find whether there is a significant difference betwee n lucnh and dinner time in terms of delivery earnings(base+surge).
Lunch time is before 17:00 and dinner time is after.

Ho: There is no significant diffence between lunch and dinner time earnings.
Ha: There is a significant diffence between lunch and dinner time earnings.

1. There is slight difference between lunch and dinner time delivery earnings as we look at the means.

Notes

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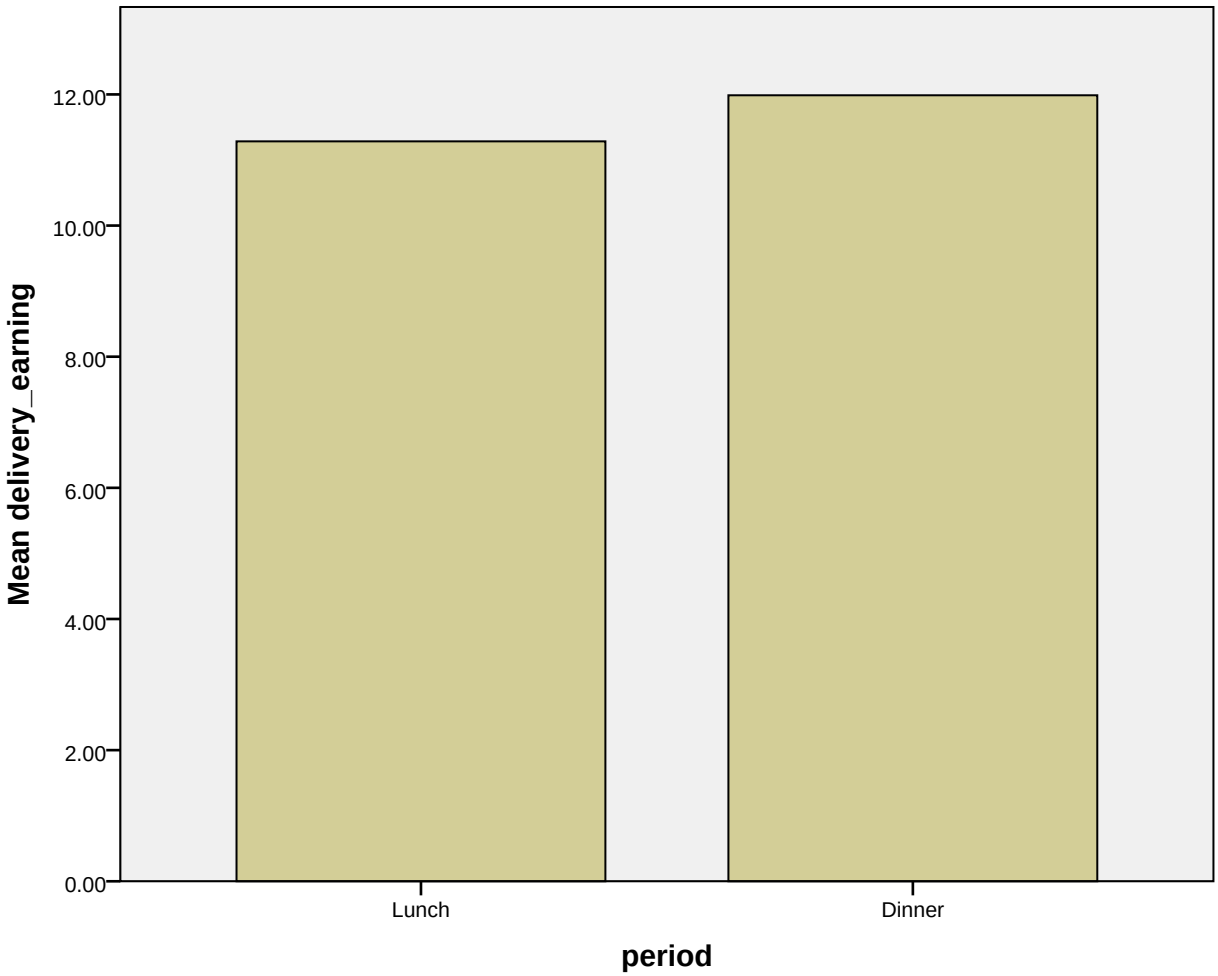
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=period(1 2) /MISSING=ANALYSIS /VARIABLES=delivery_earning /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Group Statistics

	period	N	Mean	Std. Deviation	Std. Error Mean
delivery_earning	Lunch	377	11.2841	5.59762	.28829
	Dinner	856	11.9868	5.68636	.19436



Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
delivery_earning	Equal variances assumed	.045	.831	-2.009	1231
	Equal variances not assumed			-2.021	729.208

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
delivery_earning	Equal variances assumed	.045	-.70271	.34982
	Equal variances not assumed	.044	-.70271	.34769

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
delivery_earning	Equal variances assumed	-1.38902	-.01640
	Equal variances not assumed	-1.38530	-.02012

2. As we check the Levine's test result, p value is greater than our confidence level(95%), F-Sig. 0.831 > 0.05.
There is no difference between variances, so that we can progress with top line.

3.In this phase we will look at p value (sid.2 tailed) to interpret our result. Since p value(0.045) < 0.05, We reject the Ho and accept Ha, that is there is significant difference between lunc and dinner time earnings.

Conclusion: It can be deduduced dinner time delivery earnings are slightly over lunch time earnings.

2.2 T-Test of Delivery Earning for Weekdays and Weekend

In this test, I tried to find whether there is a significant difference between Weekdays and Weekends in terms of delivery earnings (base+surge). Weekends includes Friday, Saturday and Sunday, and weekdays are Monday to Thursday. Earnings represents base earning for each delivery run.

Ho: There is no significant diffence between weekday and weekend earnings.
Ha: There is a significant diffence between weekday and weekend earnings.

1. First, we analyse the sample sizes and means. There is a difference between weekday and weekend earning's means. To see if this difference is significant, we apply independent t test.

Notes

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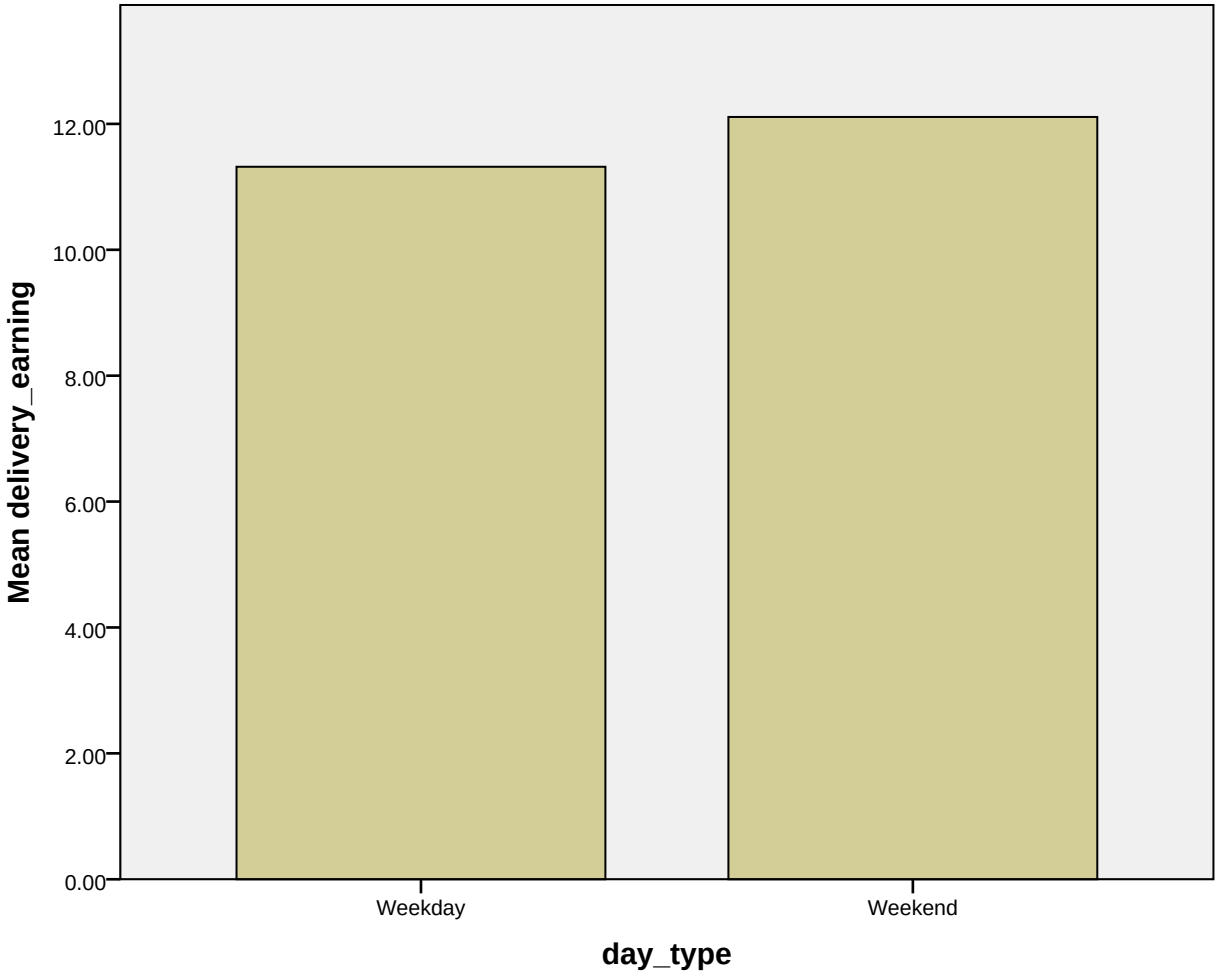
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=day_type(1 2) /MISSING=ANALYSIS /VARIABLES=delivery_earning /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Group Statistics

	day_type	N	Mean	Std. Deviation	Std. Error Mean
delivery_earning	Weekday	527	11.3187	5.44251	.23708
	Weekend	706	12.1103	5.80866	.21861



Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
delivery_earning	Equal variances assumed	1.891	.169	-2.432	1231
	Equal variances not assumed			-2.455	1169.783

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
delivery_earning	Equal variances assumed	.015	-.79165	.32555
	Equal variances not assumed	.014	-.79165	.32249

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
delivery_earning	Equal variances assumed	-1.43034	-.15296
	Equal variances not assumed	-1.42437	-.15894

2.In t-test we need to see if variances of two groups are comparable. As we check the Levine's test result, p value is greater than our confidence level(95%), F-Sig. 0.169 > 0.05.
Therefore there is no difference between variances, so that we use the top line for analysis.

3.In this phase we will look at p value (sid.2 tailed) to interpret our result. Since p value(0.015) < 0.05, we may conlude our analysis as "The difference of means is meaningful".

Conclusion: We can say weekend earnings are slightly higher than weekday earnings.

2.3 ANOVA of Delivery Earning for UBER pro level

I will examine pro levels in terms of delivery earning.

Ho: There is no significant diffence between uber pro levels in terms of delivery earnings.
Ha: There is a significant diffence between uber pro levels in terms of delivery earnings.

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY delivery_earning BY uber_pro_level /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA (0.05).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Test of Homogeneity of Variances

delivery_earning

Levene Statistic	df1	df2	Sig.
2.675	3	1229	.046

1. Test of homogeneity shows us Sig. level (.046) is less than 0.05, but we can round up it to 0.5 and continue as we assume variances are similar.

ANOVA

delivery_earning

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	380.597	3	126.866	3.980	.008
Within Groups	39176.187	1229	31.876		
Total	39556.784	1232			

2.P value 0.008< CI level (0.05), indicates that there is a meaningful difference between group's means. To analyse this difference we'll examine the post hoc tests.

Post Hoc Tests

3. In descriptive analysis, results there is an incresing difference in means as the pro level increases. Multiple Comparision table reveals the significance of these differences.

Descriptives

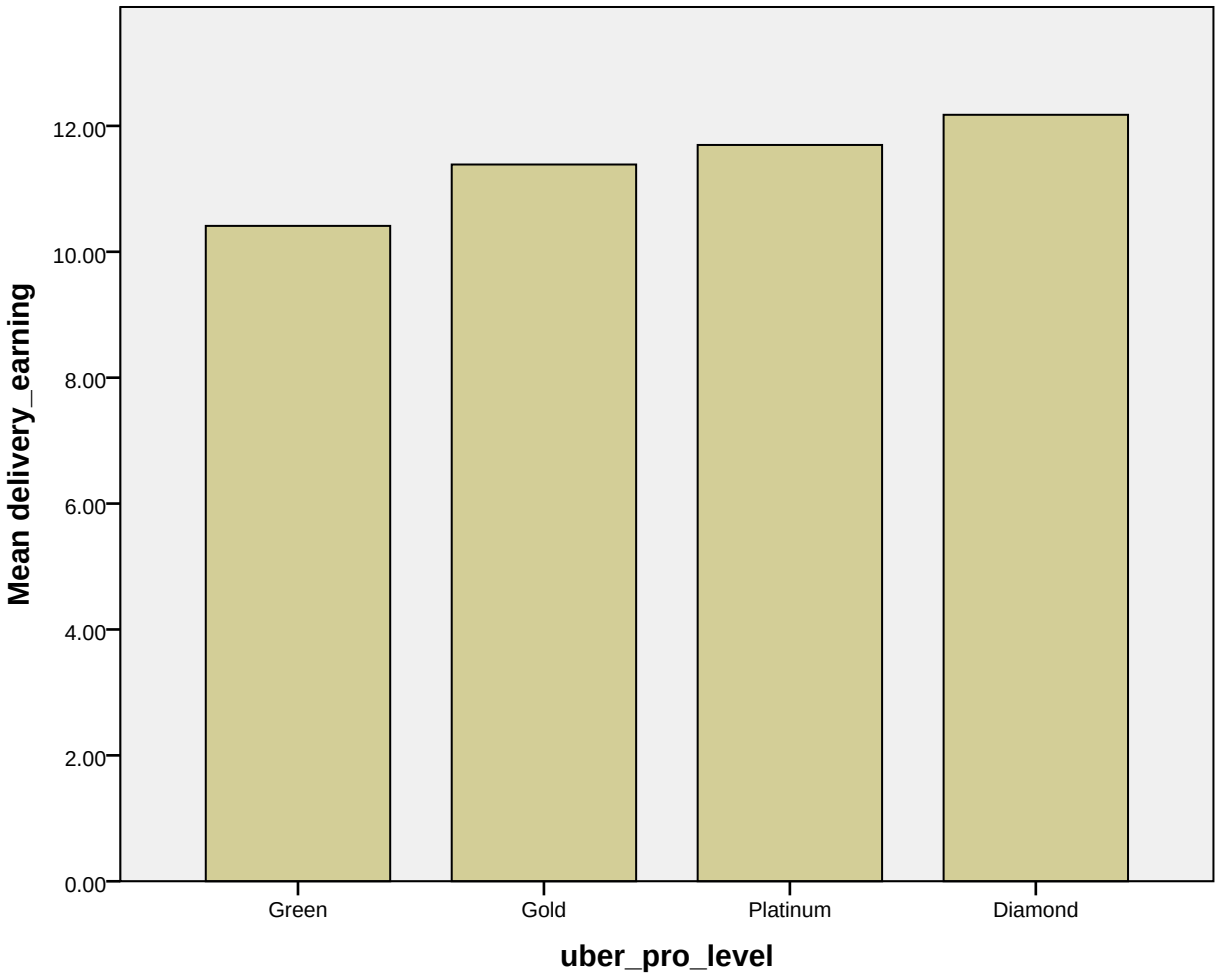
delivery_earning

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Green	130	10.4115	4.71511	.41354	9.5933	11.2297
Gold	197	11.3866	5.79557	.41292	10.5723	12.2009
Platinum	237	11.6970	6.02074	.39109	10.9265	12.4674
Diamond	669	12.1764	5.62953	.21765	11.7490	12.6037
Total	1233	11.7720	5.66637	.16137	11.4554	12.0886

Descriptives

delivery_earning

	Minimum	Maximum
Green	4.62	26.58
Gold	5.00	36.87
Platinum	5.00	39.76
Diamond	5.00	34.55
Total	4.62	39.76


Mean delivery_earning
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Green
Gold
Platinum
Diamond
uber_pro_level

Multiple Comparisons

Dependent Variable: delivery_earning

Scheffe

(I) uber_pro_level	(J) uber_pro_level	Mean Difference (I-J)	Std. Error	Sig.	95% ... Lower Bound
Green	Gold	-.97506	.63798	.506	-2.7610
	Platinum	-1.28542	.61620	.226	-3.0104
	Diamond	-1.76483*	.54116	.014	-3.2797
Gold	Green	.97506	.63798	.506	-.8109
	Platinum	-.31036	.54434	.955	-1.8342
	Diamond	-.78977	.45767	.395	-2.0709
Platinum	Green	1.28542	.61620	.226	-.4395
	Gold	.31036	.54434	.955	-1.2135
	Diamond	-.47941	.42679	.738	-1.6741
Diamond	Green	1.76483*	.54116	.014	.2499
	Gold	.78977	.45767	.395	-.4914
	Platinum	.47941	.42679	.738	-.7153

Multiple Comparisons

Dependent Variable: delivery_earning

Scheffe

(I) uber_pro_level	(J) uber_pro_level	95% Confidence Upper Bound
Green	Gold	.8109
	Platinum	.4395
	Diamond	-.2499
Gold	Green	2.7610
	Platinum	1.2135
	Diamond	.4914
Platinum	Green	3.0104
	Gold	1.8342
	Diamond	.7153
Diamond	Green	3.2797
	Gold	2.0709
	Platinum	1.6741

*. The mean difference is significant at the 0.05 level.

4. As we examine the significance values in multiple comparison table, we can

say only meaningful difference is again
between green and diamond pro levels, which is $1.7. Other groups have no meaningful difference.

Conclusion: Similarly, except from green level, there is no difference in other pro levels, which means pro level doesn't affect the delivery earning.

Notes

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	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
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	N of Rows in Working Data File	1233

Notes

Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=uber_pro_level MEAN(delivery_base_earning)[name="MEAN_delivery_base_earning"] MEAN(delivery_earning)[name="MEAN_delivery_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: uber_pro_level=col(source(s), name("uber_pro_level"), unit.category()) DATA: MEAN_delivery_base_earning=col(source(s), name("MEAN_delivery_base_earning")) DATA: MEAN_delivery_earning=col(source(s), name("MEAN_delivery_earning")) GUIDE: axis(dim(1), label("uber_pro_level")) GUIDE: axis(scale(y1), label("Mean delivery_base_earning"), color(color."3E58AC")) GUIDE: axis(scale(y2), label("Mean delivery_earning"), color(color."2EB848"), opposite()) SCALE: cat(dim(1), include("1", "2", "3", "4")) SCALE: y1 = linear(dim(2), include(0)) SCALE: y2 = linear(dim(2), include(0)) ELEMENT: interval(position(uber_pro_level*MEAN_delivery_base_earning), shape.interior(shape.square), color.interior(color."3E58AC"), scale(y1)) ELEMENT: line(position(uber_pro_level*MEAN_delivery_earning), missing.wings(), color.interior(color."2EB848"), scale(y2))...
Resources	Processor Time	00:00:00.81
	Elapsed Time	00:00:01.27

Notes

Output Created		25-NOV-2022 11:30:56
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=time_requested BY boost /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT ROW COLUMN /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.08
	Dimensions Requested	2
	Cells Available	131029

3.Conclusion:

1. Both base earnings and delivery earnings are slightly higher in weekends.
2. For base earnings lunch time and dinner time earns similar, but with the surge effect dinner earnings gets higher.
3. Pro level doesn't affect on earnings. The more I get experienced doesn't mean the more I earn per delivery.

Notes

Output Created		25-NOV-2022 11:31:50
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=uber_pro_level BY boost /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT ROW COLUMN /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01
	Dimensions Requested	2
	Cells Available	131029

Notes

Output Created		25-NOV-2022 11:35:09
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=day BY boost /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT ROW COLUMN /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01
	Dimensions Requested	2
	Cells Available	131029

Notes

Output Created		25-NOV-2022 11:40:20
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=day_type COUNT() [name="COUNT"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: day_type=col(source(s), name("day_type"), unit.category()) DATA: COUNT=col(source(s), name("COUNT")) GUIDE: axis(dim(1), label("day_type")) GUIDE: axis(dim(2), label("Count")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(day_type*COUNT), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.13
	Elapsed Time	00:00:00.25

Notes

Output Created		25-NOV-2022 11:40:53
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=day_type MEAN(delivery_base_earning)[name="MEAN_delivery_base_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: day_type=col(source(s), name("day_type"), unit.category()) DATA: MEAN_delivery_base_earning=col(source(s), name("MEAN_delivery_base_earning")) GUIDE: axis(dim(1), label("day_type")) GUIDE: axis(dim(2), label("Mean delivery_base_earning")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(day_type*MEAN_delivery_base_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.16

Notes

Output Created		25-NOV-2022 11:42:51
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=period delivery_base_earning MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: period=col(source(s), name("period"), unit.category()) DATA: delivery_base_earning=col(source(s), name("delivery_base_earning")) GUIDE: axis(dim(1), label("period")) GUIDE: axis(dim(2), label("delivery_base_earning")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(period*delivery_base_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.13

Notes

Output Created		25-NOV-2022 11:44:02
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=period MEAN(delivery_base_earning) [name="MEAN_delivery_base_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: period=col(source(s), name("period"), unit.category()) DATA: MEAN_delivery_base_earning=col(source(s), name("MEAN_delivery_base_earning")) GUIDE: axis(dim(1), label("period")) GUIDE: axis(dim(2), label("Mean delivery_base_earning")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(period*MEAN_delivery_base_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.14

Notes

Output Created		25-NOV-2022 11:44:40
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=uber_pro_level MEAN(delivery_base_earning)[name="MEAN_delivery_base_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: uber_pro_level=col(source(s), name("uber_pro_level"), unit.category()) DATA: MEAN_delivery_base_earning=col(source(s), name("MEAN_delivery_base_earning")) GUIDE: axis(dim(1), label("uber_pro_level")) GUIDE: axis(dim(2), label("Mean delivery_base_earning")) SCALE: cat(dim(1), include("1", "2", "3", "4")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(uber_pro_level*MEAN_delivery_base_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.15

Notes

Output Created		25-NOV-2022 11:45:32
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=period MEAN(delivery_earning)[name="MEAN_delivery_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: period=col(source(s), name("period"), unit.category()) DATA: MEAN_delivery_earning=col(source(s), name("MEAN_delivery_earning")) GUIDE: axis(dim(1), label("period")) GUIDE: axis(dim(2), label("Mean delivery_earning")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(period*MEAN_delivery_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.16

Notes

Output Created		25-NOV-2022 11:49:13
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY delivery_earning BY day /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Notes

Output Created		25-NOV-2022 11:50:11
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY delivery_earning BY day /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA (0.05).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Notes

Output Created		25-NOV-2022 11:53:20
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=day_type MEAN(delivery_earning)[name="MEAN_delivery_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: day_type=col(source(s), name("day_type"), unit.category()) DATA: MEAN_delivery_earning=col(source(s), name("MEAN_delivery_earning")) GUIDE: axis(dim(1), label("day_type")) GUIDE: axis(dim(2), label("Mean delivery_earning")) SCALE: cat(dim(1), include("1", "2")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(day_type*MEAN_delivery_earning), shape.interior(shape.square))...
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.12

Notes

Output Created		25-NOV-2022 11:53:40
Comments		
Input	Data	C:\Users\bugra\OneDrive\Portfolio\uber\Uber_spss.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	1233
Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=uber_pro_level MEAN(delivery_earning)[name="MEAN_delivery_earning"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: uber_pro_level=col(source(s), name("uber_pro_level"), unit.category()) DATA: MEAN_delivery_earning=col(source(s), name("MEAN_delivery_earning")) GUIDE: axis(dim(1), label("uber_pro_level")) GUIDE: axis(dim(2), label("Mean delivery_earning")) SCALE: cat(dim(1), include("1", "2", "3", "4")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(uber_pro_level*MEAN_delivery_earning), shape.interior(shape.square)) END GPL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.14