

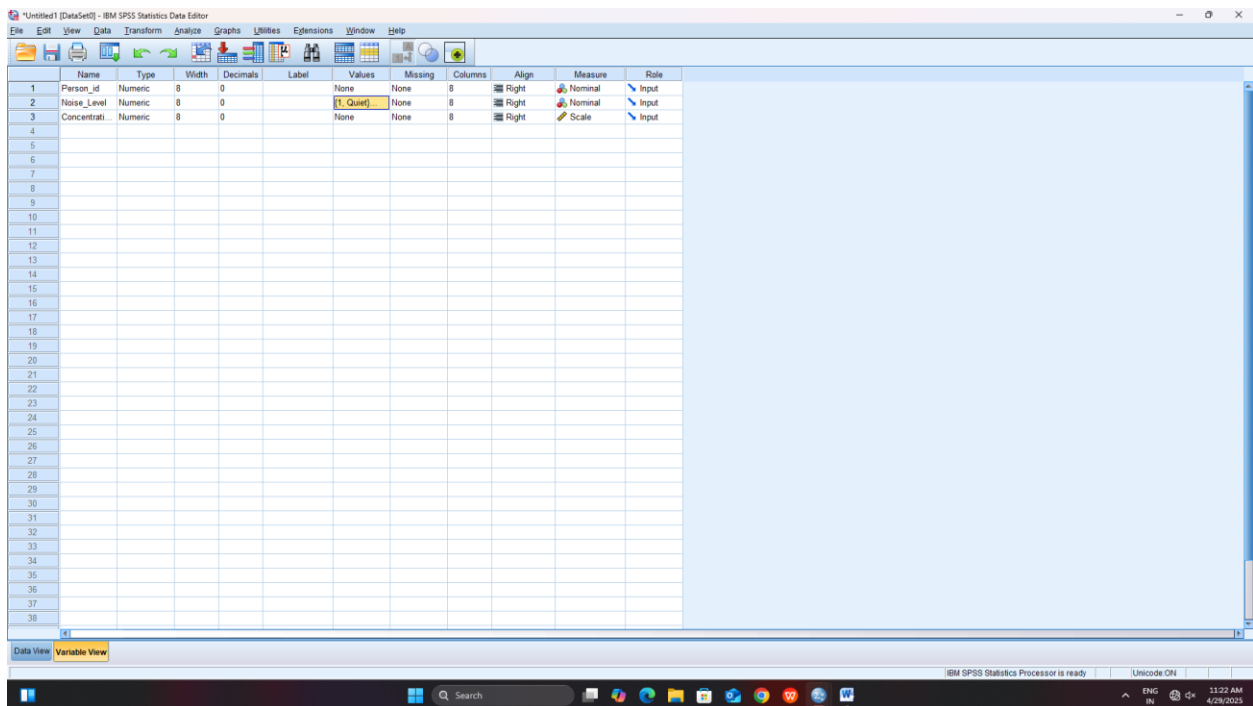
Name:- Pabale Chaitanya Prashant

Prn no:- 2124UMLM2035

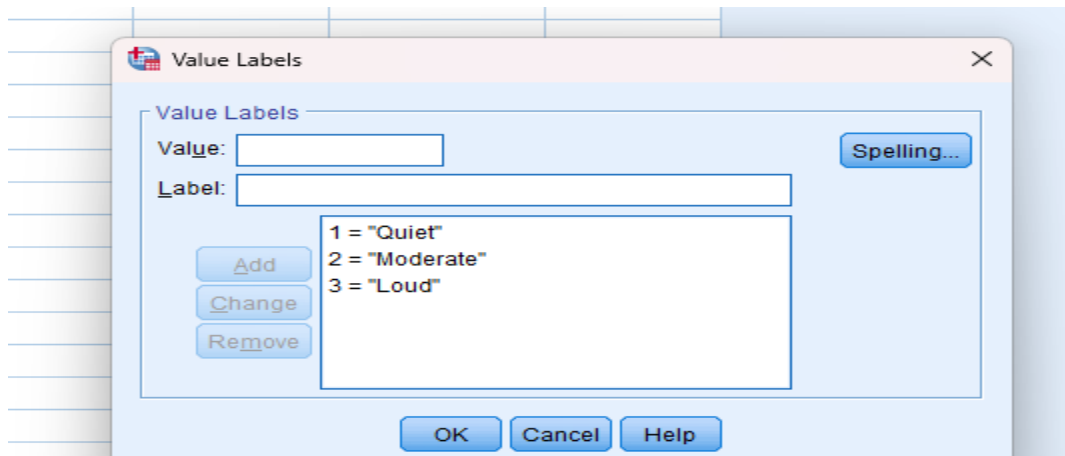
Roll no:- 35

Subject:- SPSS(IBM)

➤ Variable View



➤ Set the values to the noise level



➤ Data View

*Untitled1 [DataSet0] - IBM SPSS Statistics Data Editor

	Person_id	Noise_Level	Concentration_Level	var	var	var	var	var
1	1	Quiet	88					
2	2	Quiet	85					
3	3	Quiet	90					
4	4	Moderate	78					
5	5	Moderate	74					
6	6	Moderate	76					
7	7	Loud	65					
8	8	Loud	68					
9	9	Loud	62					
10								
11								
12								
13								
14								
15								

➤ Go to Analyze-> Compare Means -> One way ANOVA

*Untitled1 [DataSet0] - IBM SPSS Statistics Data Editor

File Edit View Data Transform **Analyze** Graphs Utilities Extensions Window Help

9 : Concentration_Level 62

Person_id Noise_Level

1 1 Quiet

2 2 Quiet

3 3 Quiet

4 4 Moderate

5 5 Moderate

6 6 Moderate

7 7 Loud

8 8 Loud

9 9 Loud

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Reports

Descriptive Statistics

Bayesian Statistics

Tables

Compare Means

General Linear Model

Generalized Linear Models

Mixed Models

Correlate

Regression

Loglinear

Neural Networks

Classify

Dimension Reduction

Scale

Nonparametric Tests

Forecasting

Survival

Multiple Response

Missing Value Analysis...

Multiple Imputation

Complex Samples

Simulation...

Quality Control

Spatial and Temporal Modeling...

Direct Marketing

Means...

One-Sample T Test...

Independent-Samples T Test...

Summary Independent-Samples T Test

Paired-Samples T Test...

One-Way ANOVA...

var var var var var

OUTPUT:-

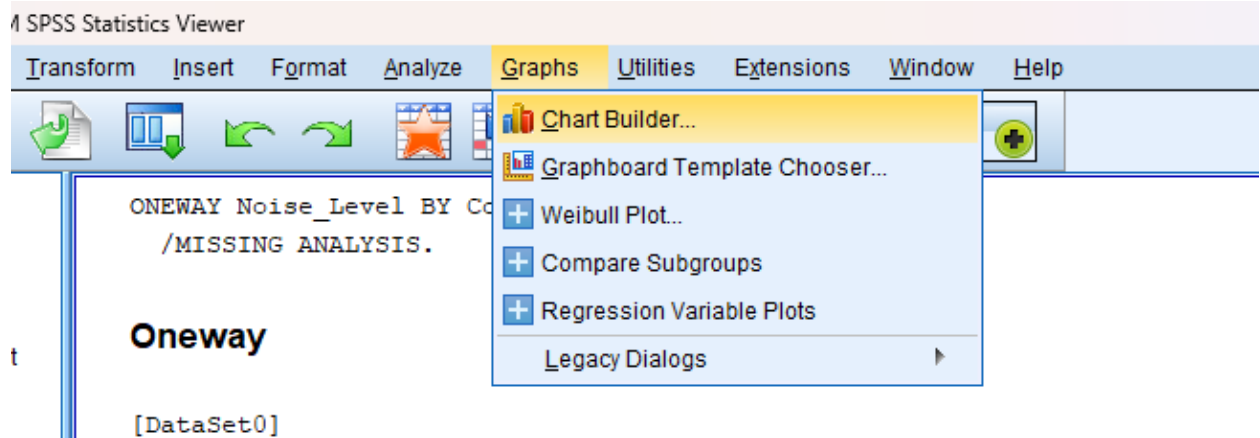
Oneway

[DataSet0]

ANOVA

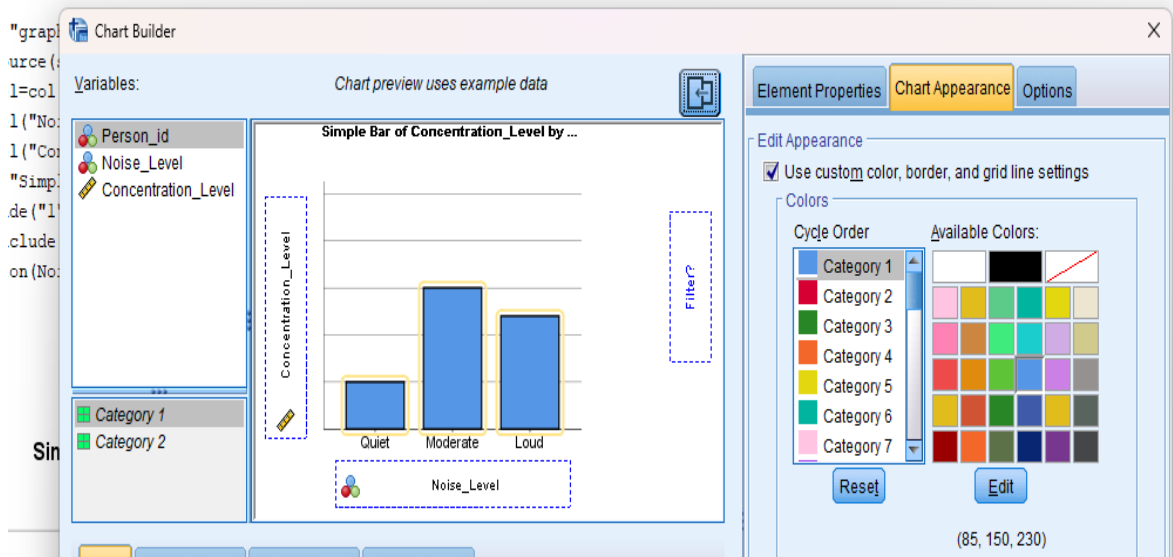
Noise_Level	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.000	8	.750	.	.
Within Groups	.000	0	.		
Total	6.000	8			

- Go to Graph-> Chart Builder



- Set the values to the X axis and Y axis

S=YES.



- Press OK
- Final Output

