Introduction to SPSS

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Lead Organizer, Health Research ToolBox: A Step by Step Guide for Beginners
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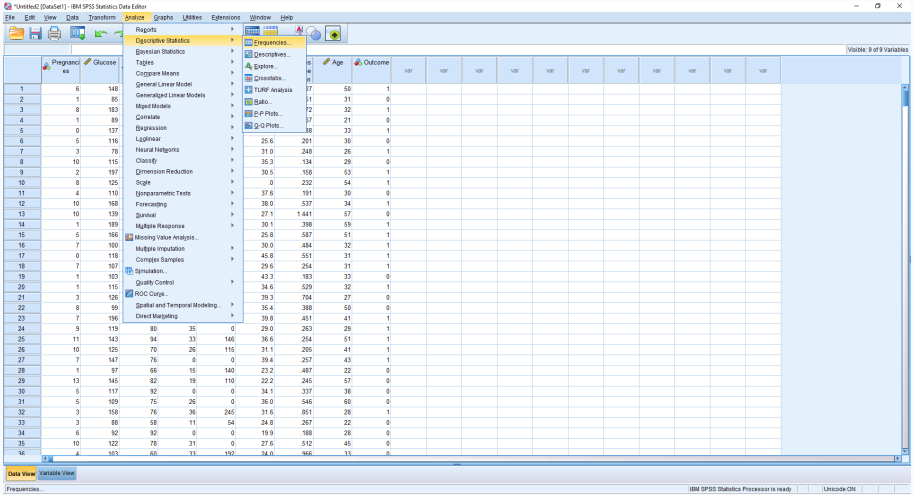
SECTION–I Summary Statistics for Individual Variable

Summary Measures for Categorical Data (Con..)

- From the menus choose:
  Analyze >Descriptive Statistics >Frequencies...
- Select Glucose and BloodPressure and move them into the Variable(s) list.
- Click OK to run the procedure.

Summary Measures for Categorical Data (Con..)



Summary Measures for Categorical Data (Con..)

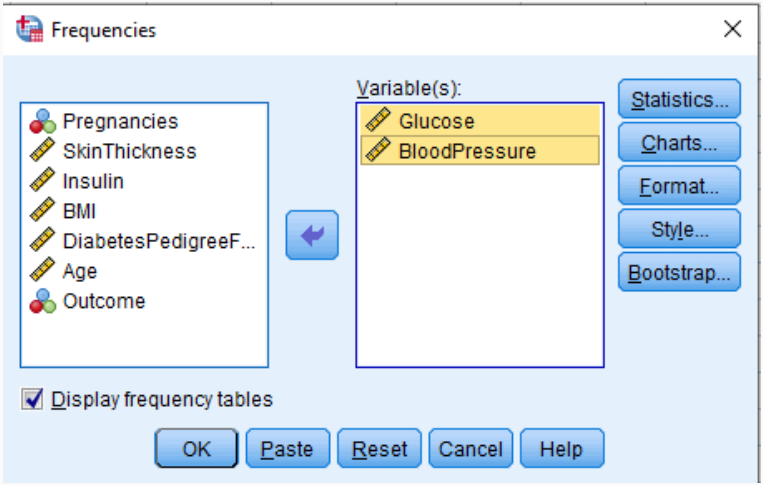
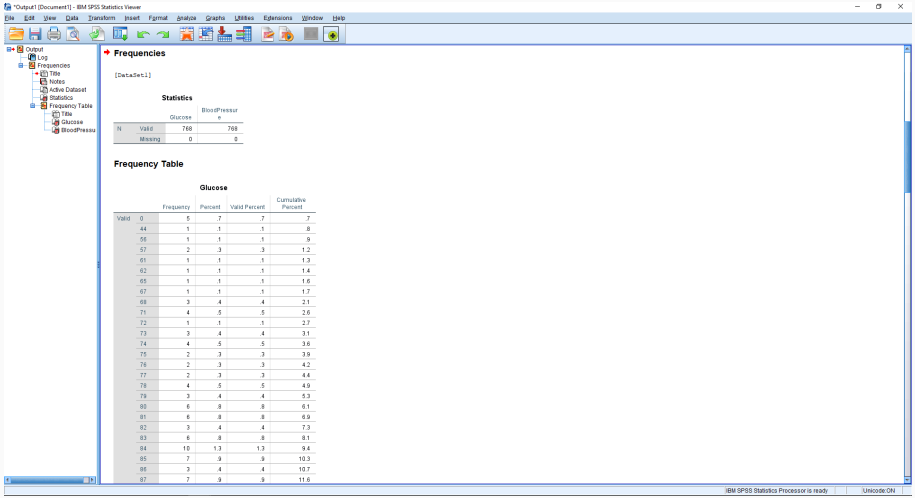


Figure 1: Click Ok

Summary Measures for Categorical Data



Charts for Categorical Data (Con..)

- Open the Frequencies dialog box again.
- Click Charts.
- Select Bar charts and then click Continue.
- Click Ok.

Charts for Categorical Data (Con..)

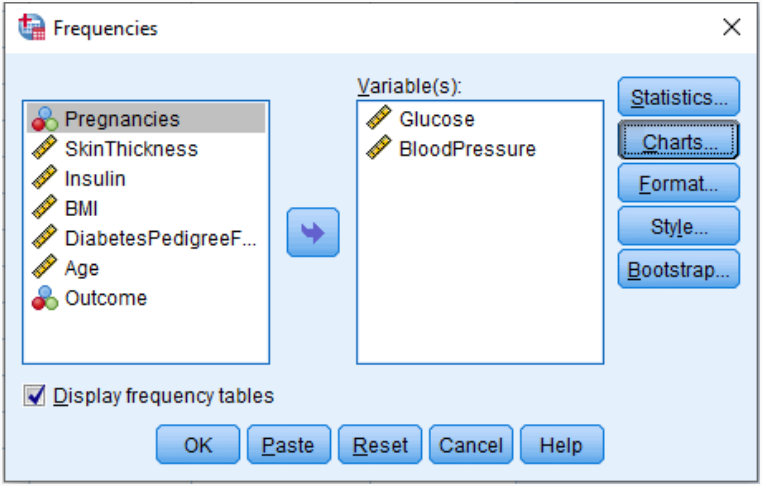
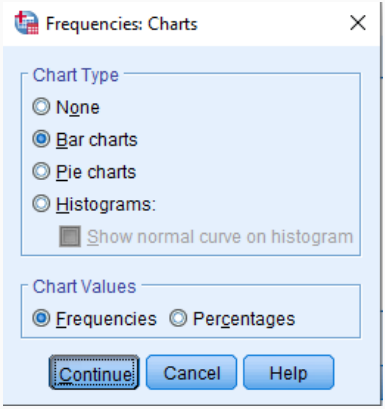


Figure 2: Click Ok

Charts for Categorical Data (Con..)



Charts for Categorical Data (Con..)

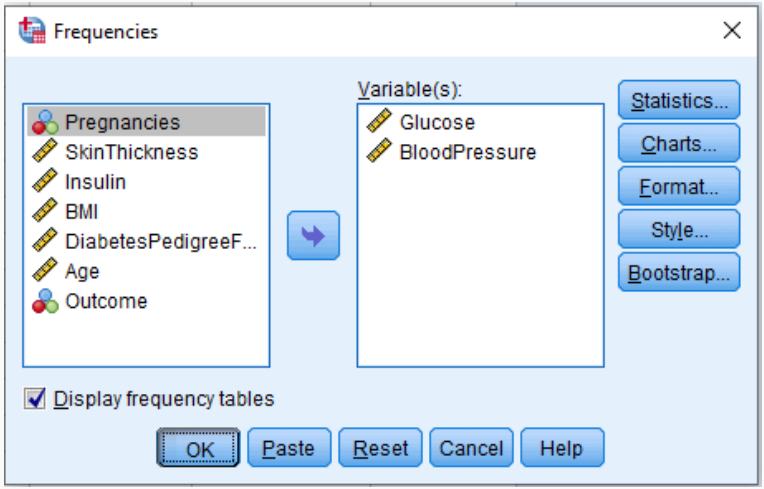


Figure 3: Click Ok

Charts for Categorical Data

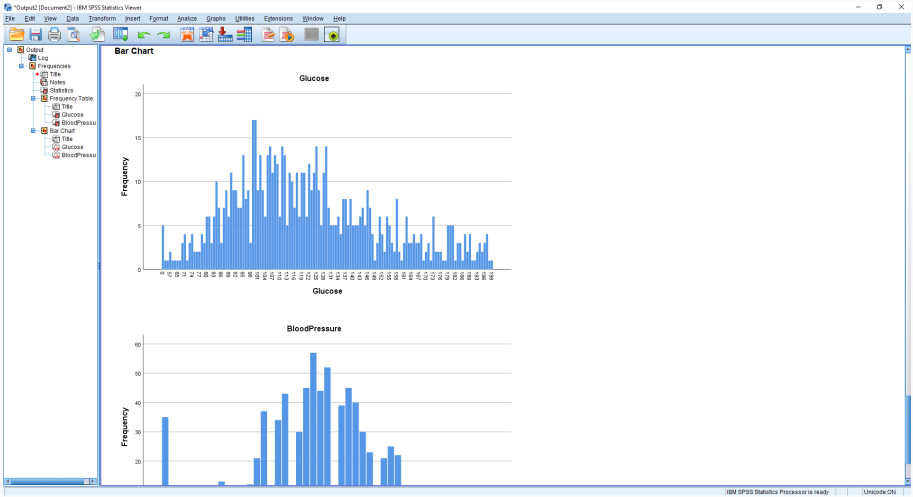


Figure 4: Result

Summary Measures for Scale Variables (Con..)

- Open the Frequencies dialog box again.
- Click Reset to clear any previous settings.
- Select BMI and move it into the Variable(s) list.
- Click Statistics.
- Select Mean, Median, Std. deviation, Minimum, and Maximum.
- Click Continue.

Summary Measures for Scale Variables (Con..)

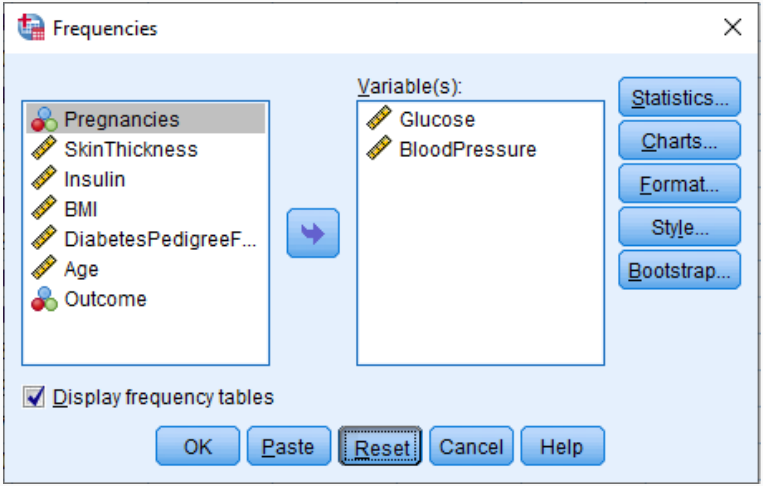


Figure 5: Click Reset

Summary Measures for Scale Variables (Con..)

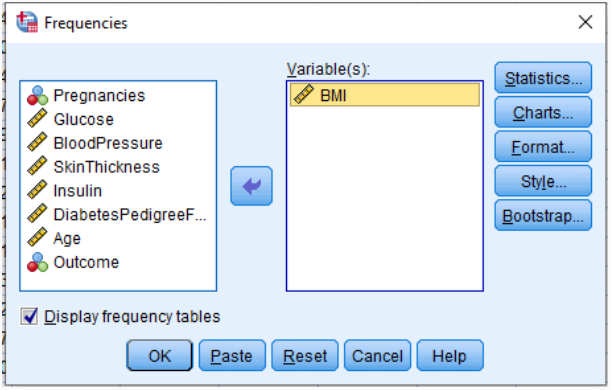


Figure 6: Select BMI

Summary Measures for Scale Variables (Con..)

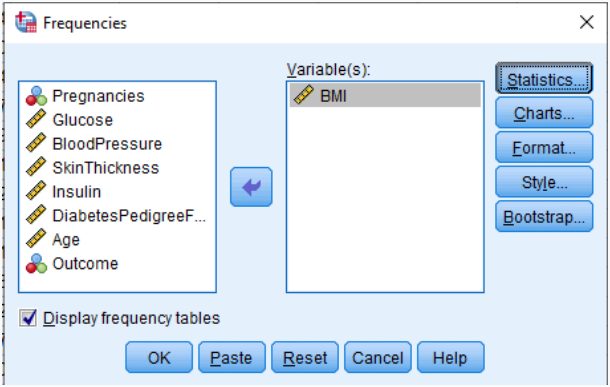


Figure 7: Click Statistics

Summary Measures for Scale Variables (Con..)

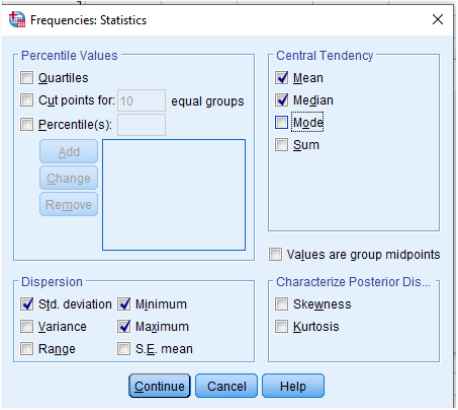


Figure 8: Select necessary Statistic options

Summary Measures for Scale Variables (Con..)

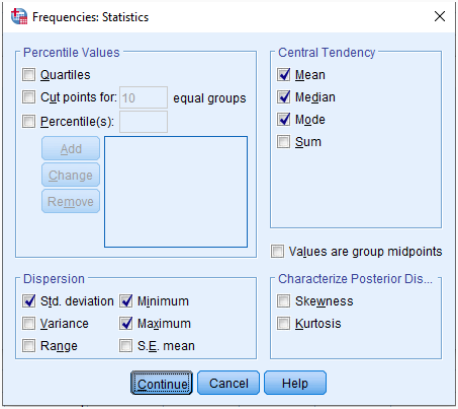


Figure 9: Click Continue

Summary Measures for Scale Variables

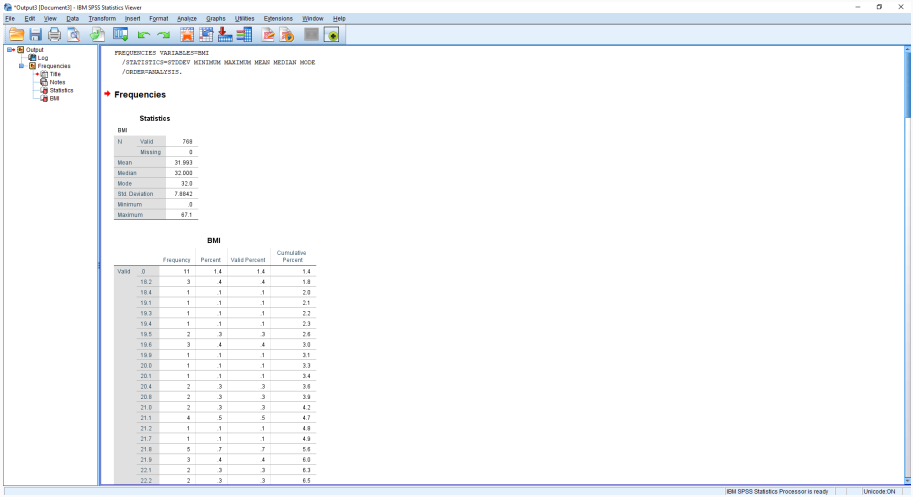


Figure 10: Result

Histograms for Scale Variables (Con..)

- Open the Frequencies dialog box again.
- Click Charts.
- Select Histograms and With normal curve.
- Click Continue, and then click OK in the main dialog box to run the procedure.

Histograms for Scale Variables (Con..)

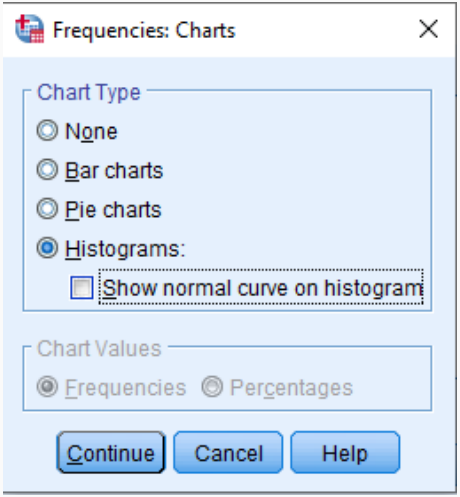


Figure 11: Click Histograms

Histograms for Scale Variables (Con..)

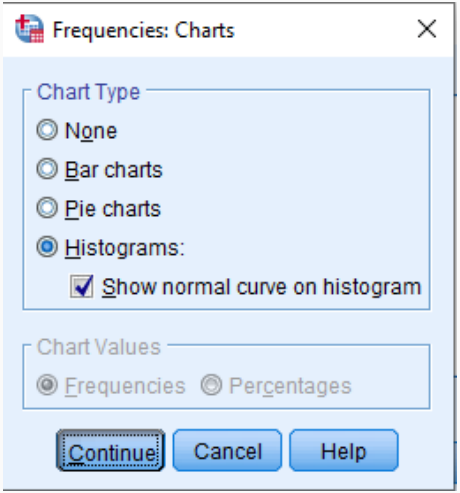


Figure 12: Click Continue

Histograms for Scale Variables

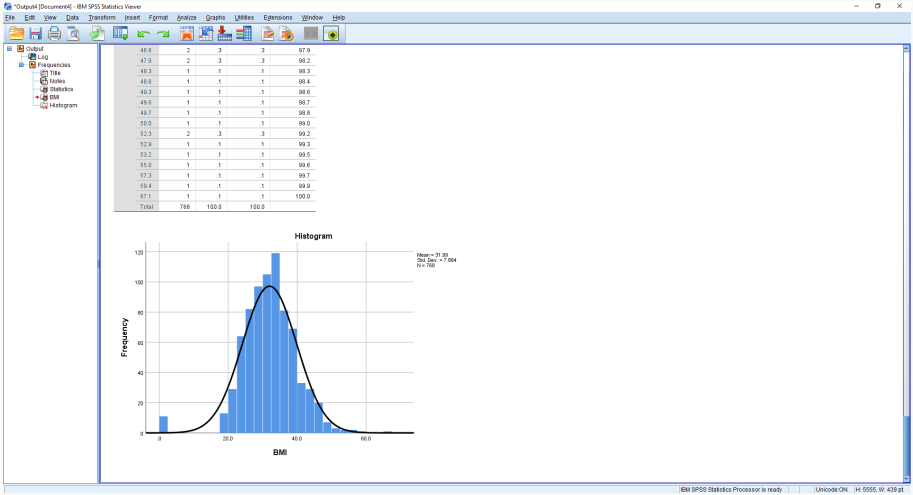


Figure 13: Histogram Result

SECTION-II Creating and Editing Charts

Chart creation basics (Con..)

- From the menus choose:
  Graphs >Graph Board Template Chooser..
- Click Variables.
- Select Charts.
- Click OK.

Chart creation basics (Con..)

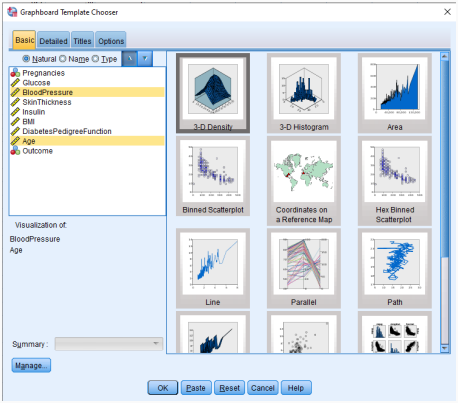


Figure 14: Select Variables

Chart creation basics (Con..)

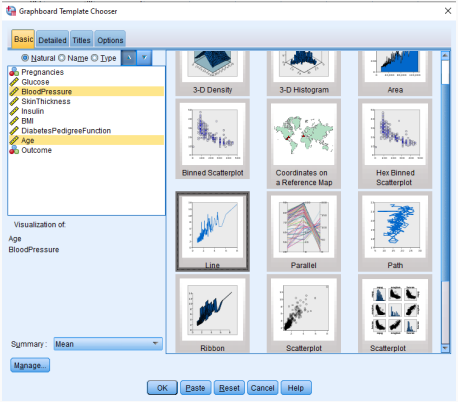


Figure 15: Click Line

Chart creation basics (Con..)

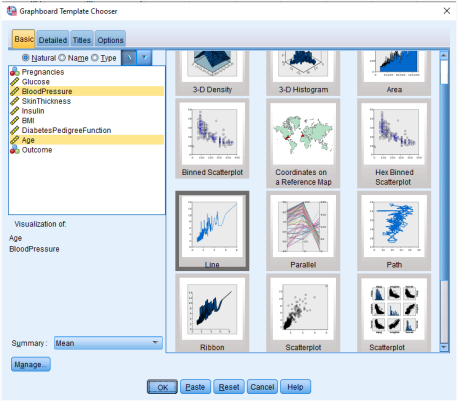


Figure 16: Click Ok

Chart creation basics

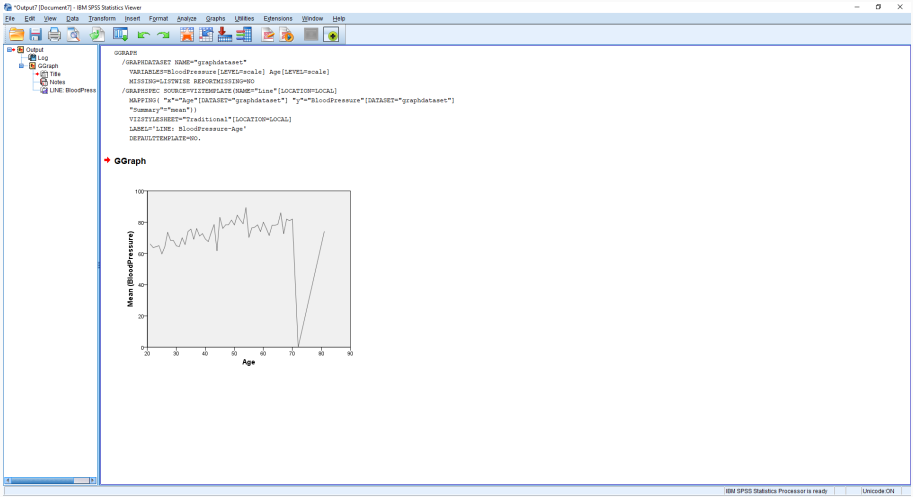


Figure 17: Line Charts result

Chart editing basics (Con..)

- Double Click on the Graphs.
- Click and *Select What you want to Edit*
- Click Files form menu
- Click Close

Chart editing basics (Con..)

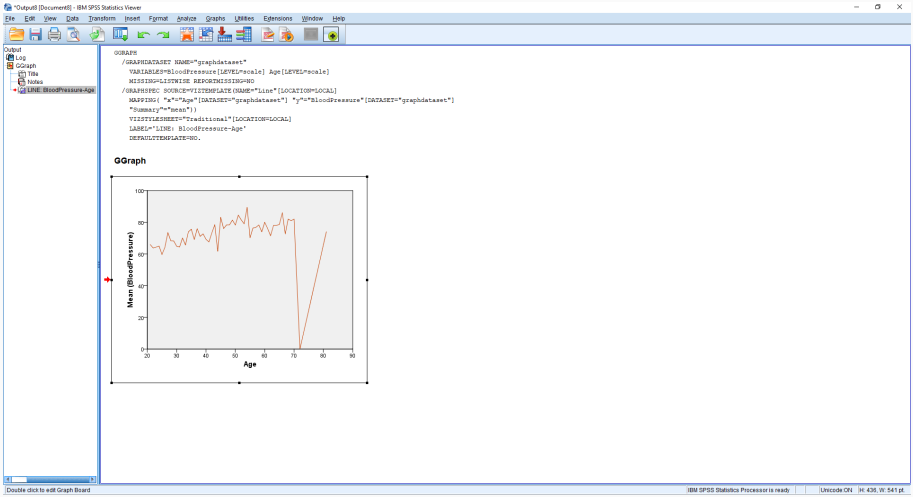


Figure 18: Double Click on the Graphs

Chart editing basics (Con..)

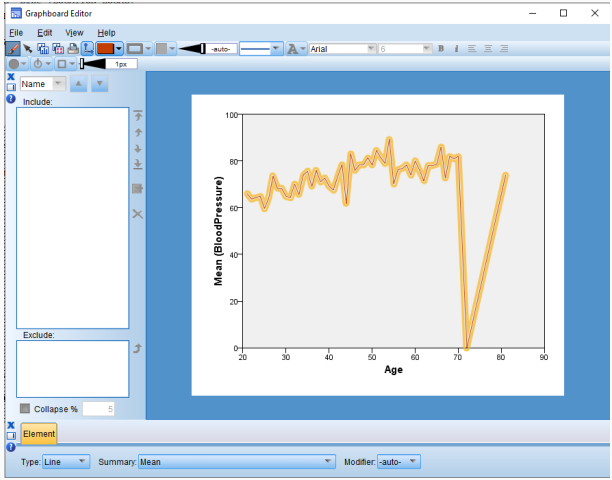


Figure 19: Click Line to edit line of the Graphs

Chart editing basics (Con..)

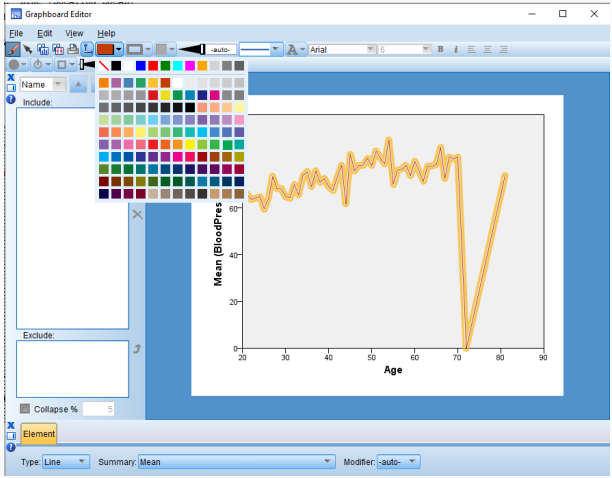


Figure 20: Change Graphs(line) color form the color palate

Chart editing basics (Con..)

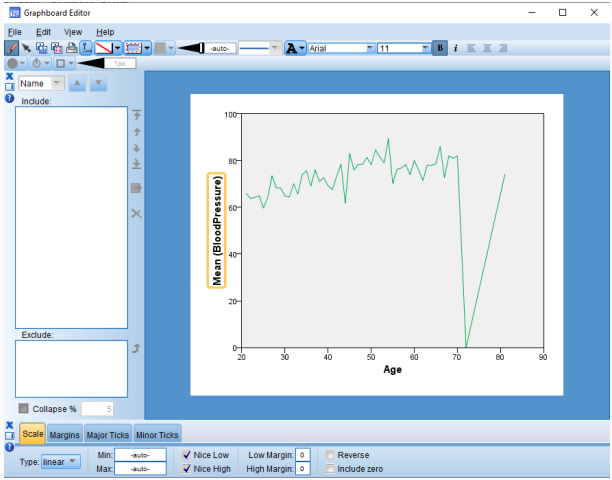


Figure 21: Select and Edit Y-axis

Chart editing basics (Con..)

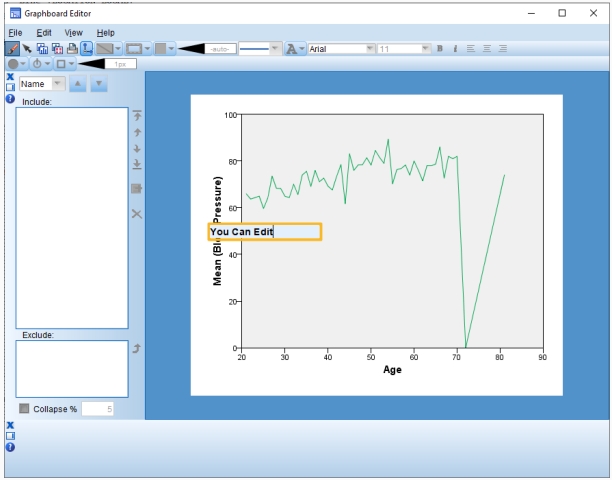


Figure 22: Write and click enter

Chart editing basics (Con..)

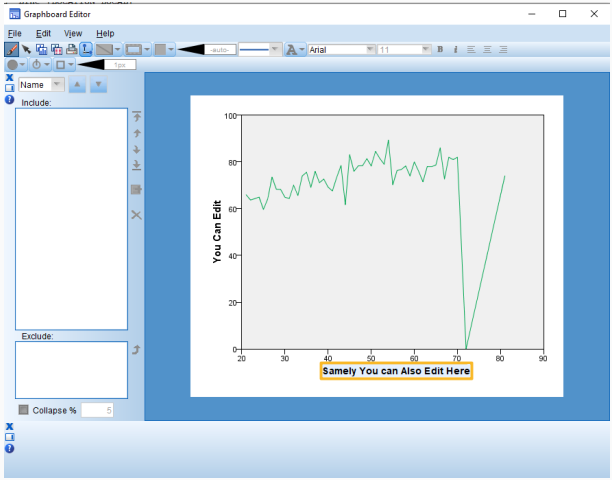


Figure 23: Select and Edit X-axis

Chart editing basics (Con..)

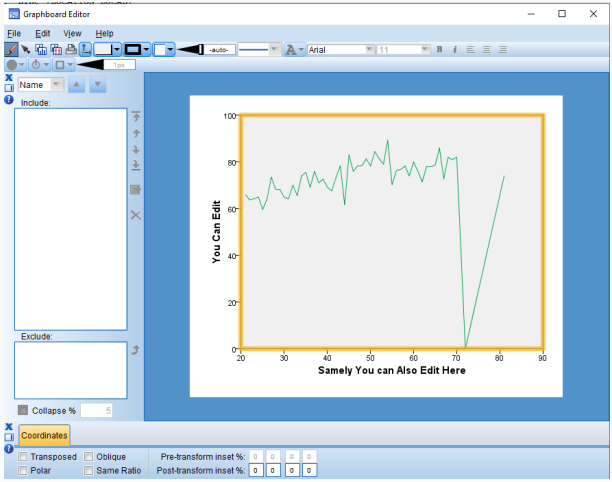


Figure 24: Click and Select Border and Background or canvas of the Graphs

Chart editing basics (Con..)

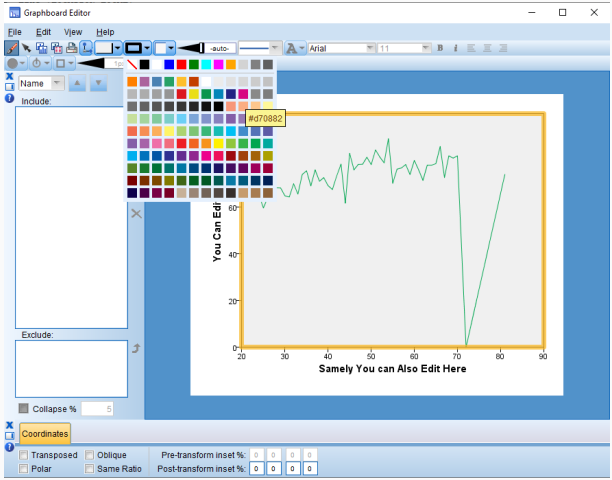


Figure 25: Change Border color form the color palate

Chart editing basics (Con..)

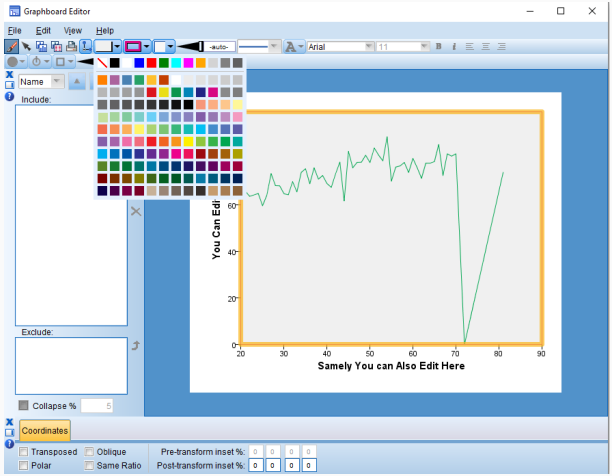


Figure 26: Change Background or canvas color form the color palate

Chart editing basics (Con..)

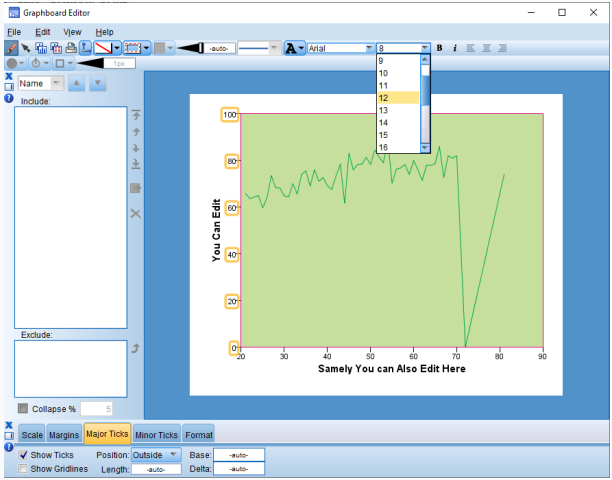


Figure 27: Click and Select Ticks of the Graph and Increase Ticks Font size

Chart editing basics

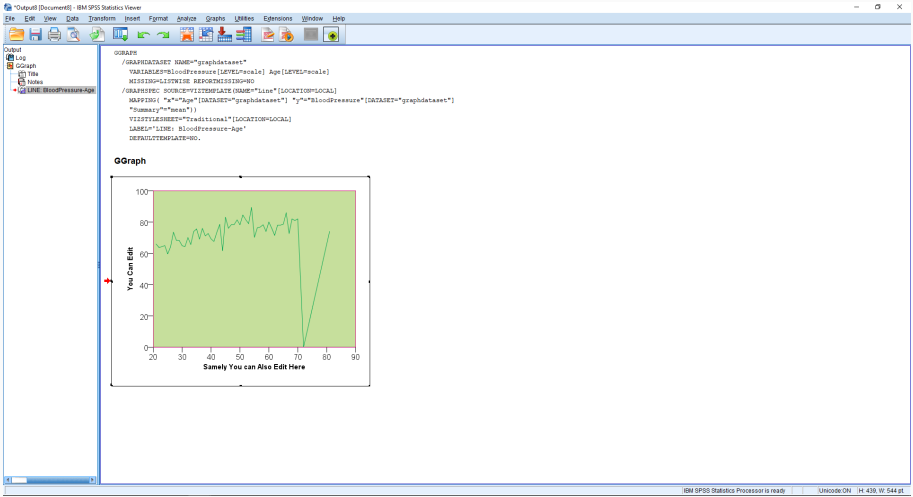


Figure 28: Edited Graphs

Table Editing Idea

As we have edited the graphs, following the same process (select and edit) we can edit the table also.

Thank You