

Chapter 3: Stata Instructions

The Histogram with Data Analysis *(example 3.1)*

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (*.xls, *.xlsx)/Xm03-01.) Check **Import first row as variable names**.
2. Click **Graphics**, and **Histogram**.
3. Select **Ages** in the **Variable:** box. Check **Width of bins** and type 10. Check **Lower limit of first bin** and type 10. Select **Frequency**.

Line Charts:

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (*.xls, *.xlsx)/Xm03-05.) Check **Import first row as variable names**. One column must be a time variable. In this data set the variable is Time.
2. Click **Statistics, Time series, Setup and utilities**, and **Declare data set to be time-series data**. Select **Time** as **Time variable**. Check **Monthly**. Click **OK**.
3. Click **Graphics, Time-series graphs**, and **Line plots**.
4. Click **Create** and in the **Y variable** box select **Price of Gasoline**. Click **Time-series plot**. Click **Accept**. Click **OK**.

Scatter Diagram:

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (*.xls, *.xlsx)/Xm03-07.) Check **Import first row as variable names**.
2. Click **Graphics** and **Twoway graph (scatter, line, etc.)**.
3. Click **Create**. In the **Basic plots (type)** box, select **Scatter**. Select **Price** for the **Y variable:** and **Size** for the **X variable:** Click **Accept**. Click **OK**.