**Lesson 4 Demo 2**

**Create a Histogram**



**Steps to be followed:**

**Step 1: Open the Excel file**

* 1. Open the file named **Histogram.xlsx**

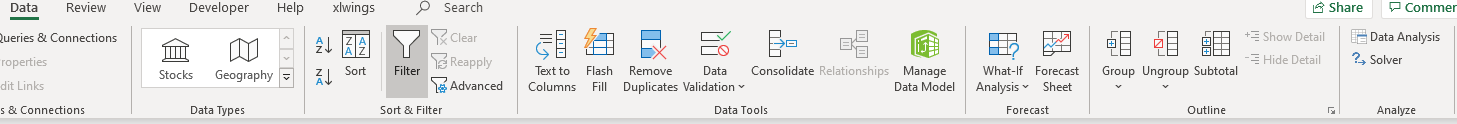
**Step 2: Create Histogram**

2.1 In columns G and H, create a table with the Bins and Max of each bin

| **Bin** | **Max of each Bin** |
| --- | --- |
| 0 - 3 | 3 |
| 4 - 7 | 7 |
| 8 - 11 | 11 |
| 12 - 15 | 15 |
| > 15 | 9 |

The Bin is the range of duration of calls in Column D, and the Max of each Bin is the count of the number of columns in the range

2.2 Now click on **Data Analysis** under the **Data** tab in Analyze panel



2.3 In the Data Analysis dialog, choose **Histogram** and click **OK**

Graphical user interface, text, application

Description automatically generated

2.4 In the following dialog box, choose input as **column D** without labels and Bin Range as **columns H2 to H6**. Specify the output range for the chart. Also click on the checkboxes **Cumulative Percentage** and **Chart Output**

Graphical user interface

Description automatically generated

2.5 The output chart appears on the same worksheet as below. The cumulative percentage is calculated and a histogram with bar and line combo is created

Chart

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