Create a Scatter Chart

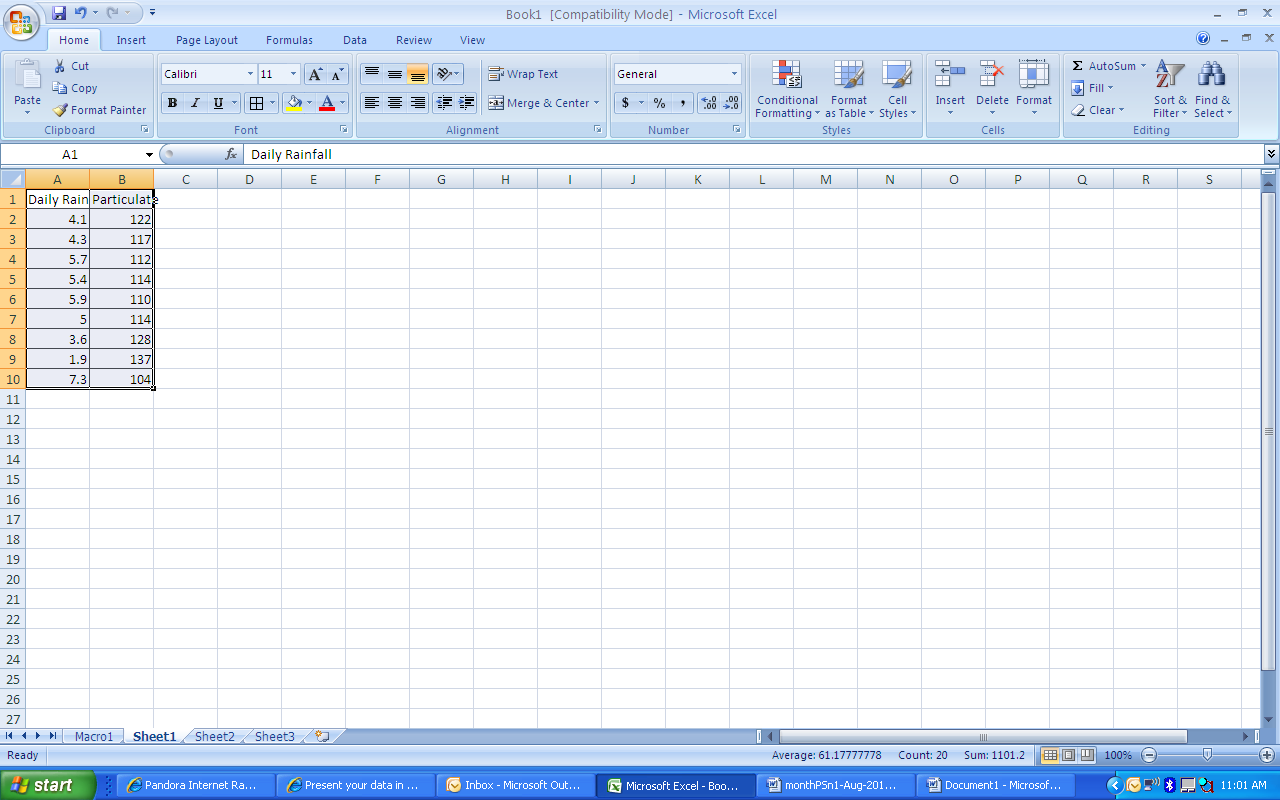
So, how did we create this scatter chart? The following procedure will help you create a scatter chart.

1. Copy the example worksheet data into a blank worksheet in excel.

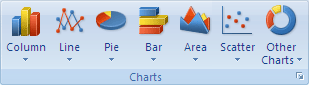
|  |  |
| --- | --- |
|  |  |

|  |  |
| --- | --- |
| Daily Rainfall | Particulate |
| 4.1 | 122 |
| 4.3 | 117 |
| 5.7 | 112 |
| 5.4 | 114 |
| 5.9 | 110 |
| 5 | 114 |
| 3.6 | 128 |
| 1.9 | 137 |
| 7.3 | 104 |

1. Select the data that you want to plot in the scatter chart.



1. On the **Insert** tab, in the **Charts** group click **Scatter**.



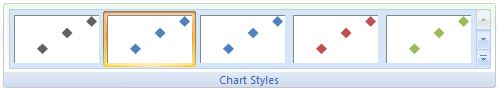
1. Click **Scatter with only Markers.**

**TIP –** You can rest the mouse on any chart type to see its name.

1. Click the chart area of the chart.

This displays the **Chart Tools**, adding the **Design**, **Layout**, and **Format** tabs.

1. On the **Design** tab, in the **Chart Styles** group, click the chart style you want to use.



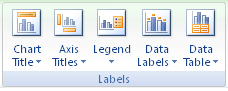
1. Click the chart title and then type the text that you want.

TIP – Pick a descriptive title, such as **Particulate Levels in Rainfall**

1. To reduce the size of the chart title, right click the title, and then enter the size that you want in the Font Size box in the shortcut menu.

TIP – We recommend using size 14.

1. Click the chart area of the chart.
2. On the **Layout tab**, in the Labels group, click **Axis Titles**, and then do the following:



-To add a horizontal axis title, click **Primary Horizontal Axis Title**, and then click **Title Below Axis**.

-To add a vertical axis title, click **Primary Vertical Axis Title**, and then click the type of vertical axis title that you want.

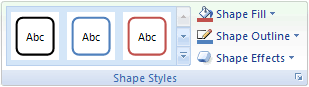
TIP – I recommend **Rotated Title**.

-Click each title, type the text that you want, and then press ENTER.

TIP – Axis headings are typically the heading at the top of you excel columns. The first column is your X axis and second column is your Y axis.

1. Click the plot area of the chart, or select **Plot Area** from a list of chart elements (**Layout** tab, **Current Selection** group, **Chart Elements** box).
2. On the **Format** tab, in the **Shape Styles** group, click the **More** button Button image, and then click the effect that you want to use.

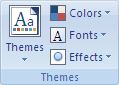
 Tip   For our scatter chart, we used the **Subtle Effect - Accent 3**.



1. Click the chart area of the chart.
2. On the **Format** tab, in the **Shape Styles** group, click the **More** button Button image, and then click the effect that you want to use.

 Tip   We typically use the **Subtle Effect - Accent 1**.

1. If you want to use theme colors different from the default theme that is applied to your workbook, do the following:
2. On the **Page Layout** tab, in the **Themes** group, click **Themes**.



1. Under **Built-in**, click the theme that you want to use.

 Tip   We typically use the **Office** theme.

**Add a Trend Line**

1. Right click on any data point on the graph.
2. Choose add a linear trend line and click enter.

When you are finished call your teacher over to check your graph ☺

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