
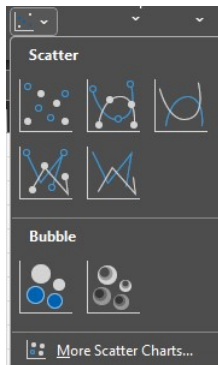


2.02 Create a Scatterplot

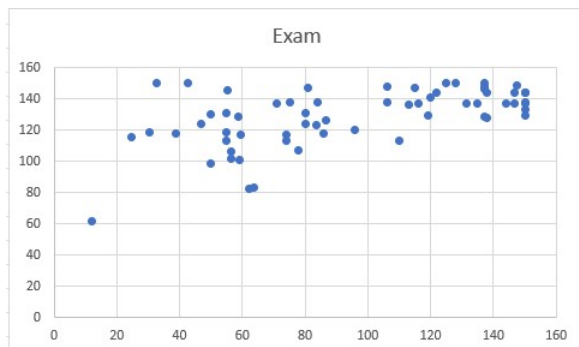
Suppose an Instructor wanted to know if providing a sample exam increased students score on the actual exam. The instructor wants to make a scatterplot to see how the sample exam scores compares to the actual exam score.

Step 1: Please open the [Scatterplot Excel Spreadsheet](#) and copy the data in cells A1:B63 to a new Excel Spreadsheet. Click in cell A1 in the new Excel spreadsheet and paste the data.

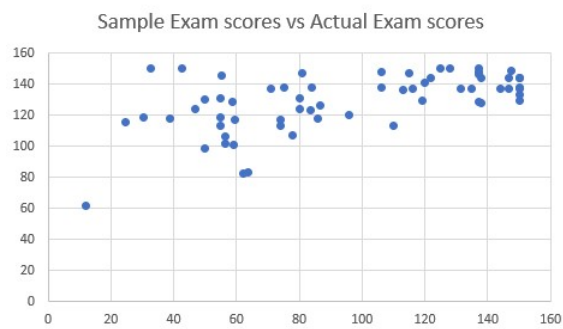
Step 2: Highlight the data in cells A1:B63 in the new Excel spreadsheet. Then click on the Insert tab and select the scatterplot icon . A drop-down menu will appear (see below); select the first choice under Scatter(dots only, no lines connecting the dots).



Step 3: A scatterplot like the one below will appear.



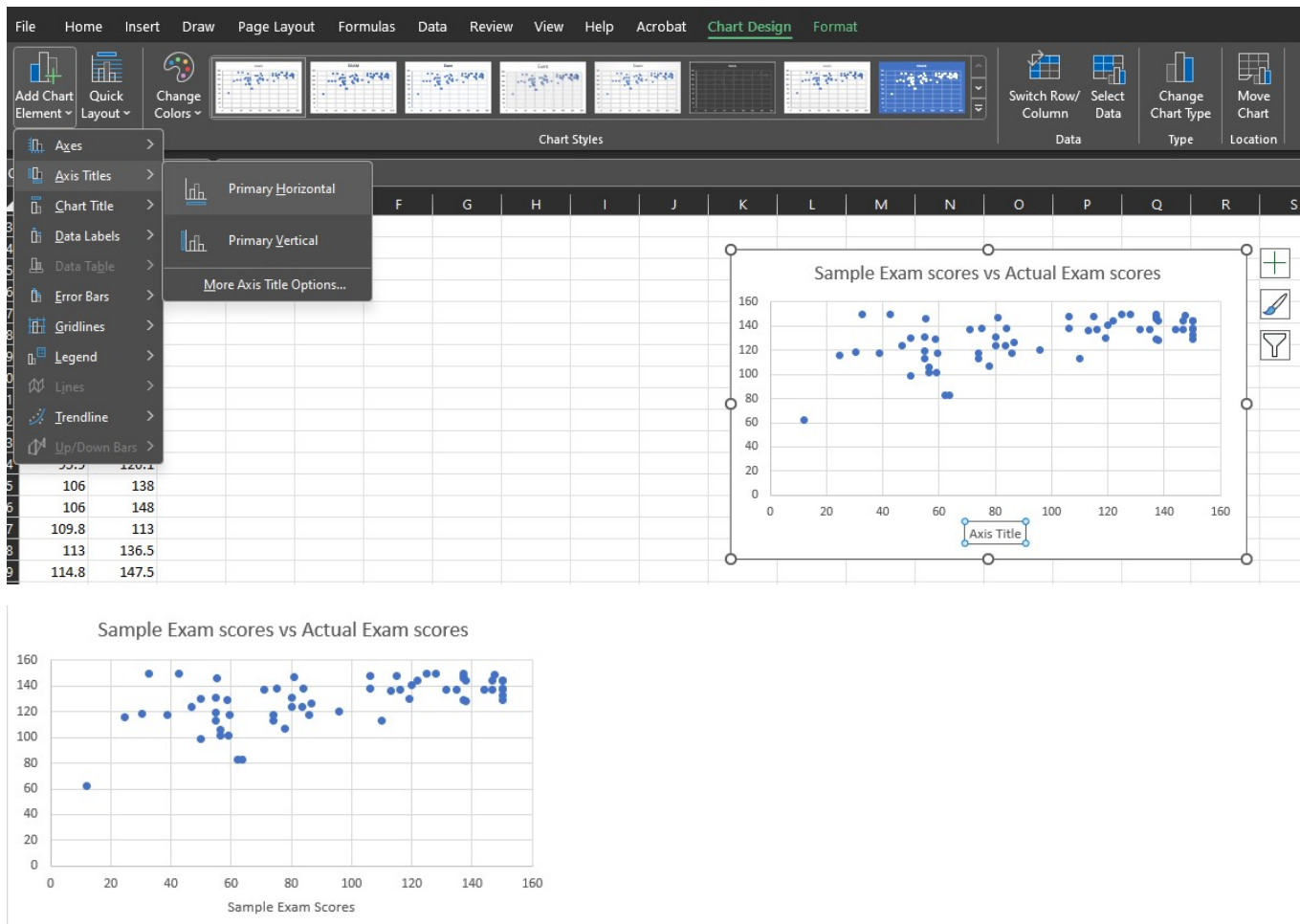
Step 4: To change the title of the scatterplot click on the word Exam. Highlight the word Exam and type Sample Exam scores vs Actual Exam scores as the new title.



Step 5: To add a title on the horizontal axis:

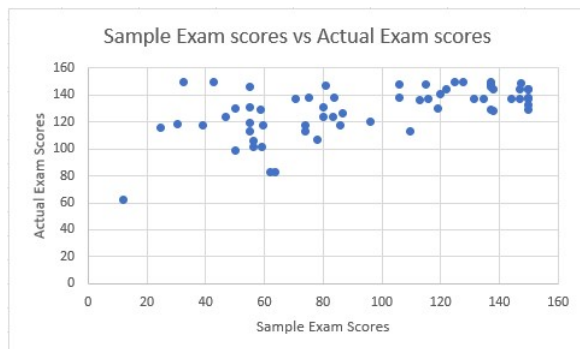
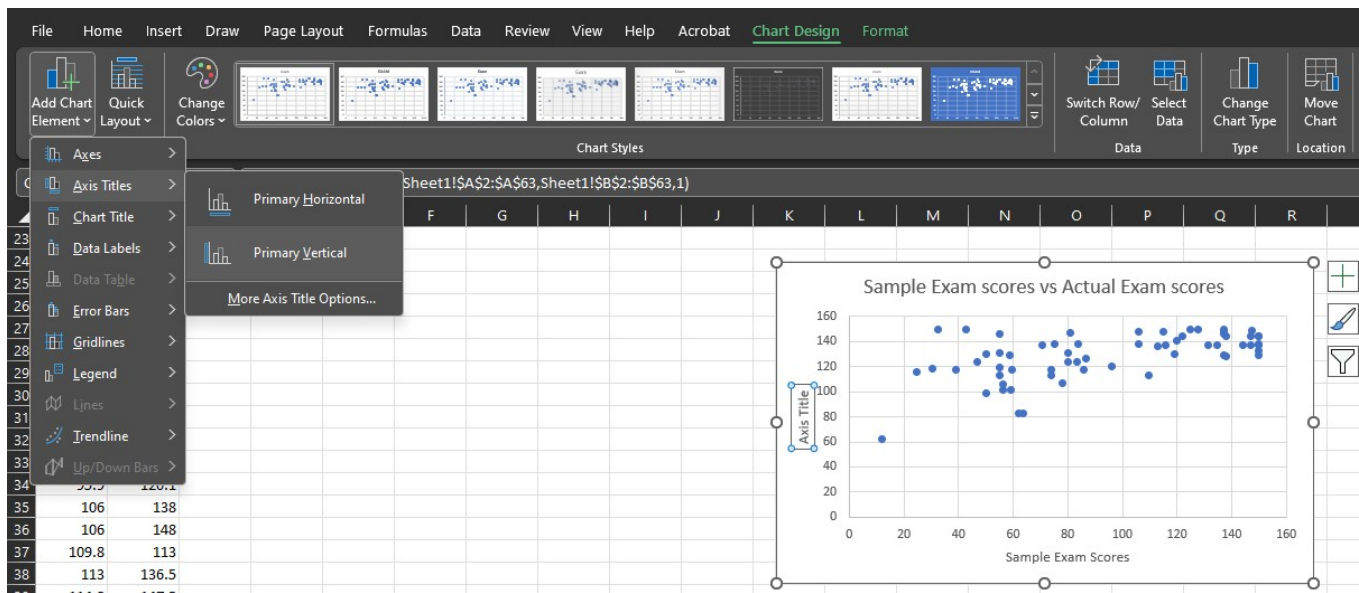
1. Click the scatterplot chart. The Chart design will appear in the menu.
2. Click on it and click the Add Chart Element selection on the left-hand side of the menu.
3. Select Axis Titles and then Primary Horizontal.

4. In the text box, highlight Axis Title and type Sample Exam Scores.



Step 6: To add a title on the vertical axis:

1. Click the scatterplot chart. The Chart design will appear in the menu.
2. Click on it and click the Add Chart Element selection on the left-hand side of the menu.
3. Select Axis Titles and then Primary Vertical.
4. In the text box, highlight Axis Title and type Actual Exam Scores.



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