

**Demonstration: Creating Line Graphs**

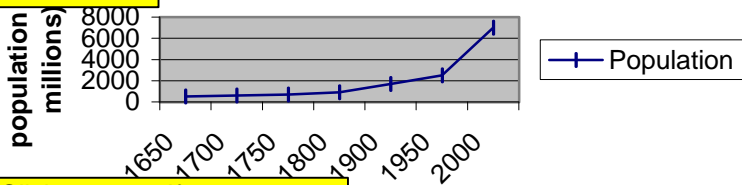
Year	Population
1650	500
1700	600
1750	700
1800	900
1900	1700
1950	2500
2000	7000

**1st:** Type the data in by columns.

**2nd** Type the question and answer.

**Prediction:** Type of Growth is \_\_\_\_\_

**3nd** Highlight the data in the population column (including the word Population). And select **Chart** under the **Insert** Menu

**World Population Study**

**4th** Select the Line graph option. Click on Next. If you highlighted correctly then the automatic datarange should be fine.

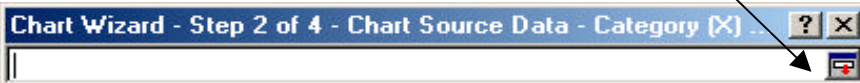
**5th** Click on the series tab (this should still be in step two of the chart wizard) Next look for the Category (X) axis labels box and click on the icon in the box.

**Chart Wizard - Step 2 of 4 - C**

Data Range Series

Category (X) axis labels:

**6th** A new small window appears (like the one below); Highlight all values in the year column (but not the word year). The series range will be automatically computed. Then click on the icon in the small window and then click on Next.



**7th**

- title the chart **World Population Study**
  - title the x-axis **year**
  - title the y-axis **population (in millions)**
- Then click on Next

**How to turn in:** Once you have completed creating the line graphs, make sure to save your work, and close MS Excel. One of you should log into coursecompass, click on **User Tools** and then **Digital Drop Box**. Select **Send File** and **upload** your file (which you should have saved on the desktop).

**8th** Click on Finished and your chart should appear in the spreadsheet. The chart can be moved closer to the data. Save the document as Discovering Patterns (on the **desktop**). And build line graphs for the assigned problems (in the same document.)