

Module 2, Lesson 3: Graphing a Bacterial Growth Curve

Graphing a Bacterial Growth Curve in Google Sheets

You will be creating a bacterial growth curve using google sheets, a commonly used spreadsheet program.

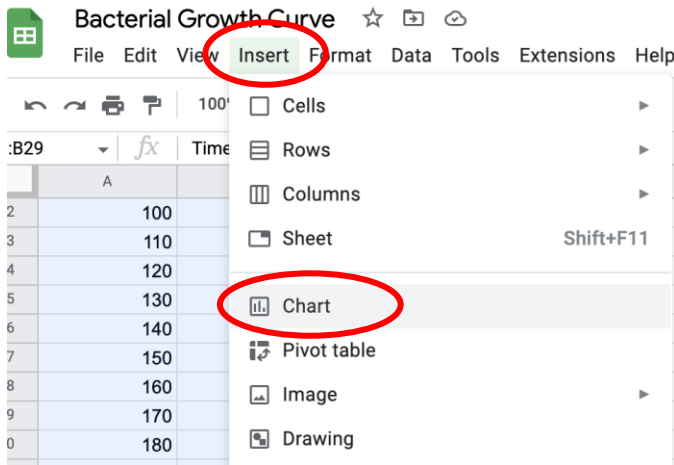
1. Open the 'Bacterial Growth Curve Spreadsheet' by [clicking here](#).
2. Open the sheet at the bottom labeled example curve data.

12	120	0.059
13	130	0.095
14	140	0.14
15	150	0.21
16	160	0.304
17	170	0.481
18	180	0.761
19	190	1.203
20	200	1.4

Example Curve Data

This will open a spreadsheet that already has bacterial growth data entered. You can see that column A contains time point data, in minutes. Column B contains OD600 readings taken at each point.

3. Select by clicking in the A1 box and holding and dragging until all of the boxes with data are highlighted.
4. Select insert at the top of the page. Once the dropdown opens select the chart.



5. This will auto generate a chart. Make sure that the chart that is selected is the line graph. →
6. Check to make sure the axes are labeled correctly.
 - a. If not, click on each axis title and change it in the title text box.
7. Change the title of the graph by clicking on the title. Change the title to Bacterial Growth.

