

Data Visualization Best Practices Workshop Teacher Report

Name: Ingrid Roche

Area(s) of Teaching: Technology, Computer Science

Where You Teach: Boston Latin Academy

Please describe your activity goal:

1. I plan on implementing a few lessons/ units. One will be a study of the Black Lives Matter movement and its effect on making change happen. I need to find appropriate data sets.
2. I plan to work with 2 other teachers who are teaching a quantitative reasoning course and use data sets to look at: college acceptance rates and planning and possibly another topic

What is the intended visualization?

pie graphs, bar graphs, line graphs

Please provide the activity wordings presented to the students:

Students will learn to assess data, clean data, organize data, and create visuals that are comprehensible by other viewers with accurate data.

Please describe the nature of the activity (e.g. In class activity? Homework? Something else) and the rationale behind your choice.

Students will do several in class activities: they will work with data guided by me, learn to use Google sheets, learn to organize the data and then create visuals. I will assess infogram, google sheets, and piktochart to determine the best tools for students to use. If time allows, they may even use more than one.

Were students engaged?: Yes

What is/are the dataset(s) that will be used for the activity? How will students access the dataset(s)?

I could use help finding data sets for the Black Lives Matter lessons.

I will be using the Naviance college data for the college acceptance/ GPA data.

What tool(s) are students going to use? How will students have access to the tool(s)?

Google sheets

Infogram

piktochart

How are you going to grade the activity? (e.g. Rubric)

Rubric

Do you think you will keep incorporating data visualization in the future?:

definitely