Visualizing Difference with Tableau Public

*Each student should respond to the questions/prompts as best they can. Please write a few sentences for each.*

1. Analyze the “Hollywood’s Most Profitable Stories” Excel spreadsheet, which is available through Tableau Public as a sample dataset. But before using Tableau Public, try to make sense of the data by reading through the spreadsheet. Look for connections within the data. What claims about the data can you make based on this approach?
2. Create two data visualizations: one that includes two fields, and another one that incorporates a third field. Document your experience experimenting with the software. What do you find frustrating? What is productive? What insights about the data emerged throughout this process?
3. Below, include screenshots of the two charts you (or your group) decided upon. What are the implied arguments of each chart? How does the second chart complicate or provide more nuance than the first chart? Why did you choose these two chart styles? What do the charts privilege, and what do they exclude?
4. What are the constraints and affordances of using data visualization software as opposed to (or in tandem with) reading an Excel document? What is Tableau Public like as a tool for analyzing complex data? What are the potential benefits of such tools? What are the potential risks?
5. After creating and seeing multiple visualizations, how would you respond to the claim that a data visualization can “tell the whole story.”