

The Q.E.D. Worksheet

Section 1: Question (Q)

- Identify what question or questions we are trying to answer with our data visualization
- Limit to 5 questions, although less is fine. Type/write down the questions below

1.

2.

3.

4.

5.

Section 2: Exploration (E)

- Identify what data sources can be used to support your questions
- Download and explore each datasource by investigating the following:
 - What columns are included?
 - What does each column represent? Looking at the different values within the column can help answer this
- Does the data sufficiently support each question written in section one? Circle one for each question

1. *YES / NO*

2. *YES / NO*

3. *YES / NO*

4. *YES / NO*

5. *YES / NO*

- Briefly revisit section 1 to update questions based on your new knowledge of the dataset. Remove questions that cannot be answered and add new ones you see fit.

Section 3: Design (D)

- Take 10 minutes to brainstorm different ways you can answer each of your questions given the data you have. Identify visuals that can help support your ideas, such as specific tables, charts, or titles
- On a whiteboard, on paper, or through a drawing tool, create a mockup of what you expect your dashboard to look like. Don't worry about formatting or making it look good; just a general layout should be sufficient.
- Take a screenshot and copy and paste it below.