**1. Define the Problem**

You can’t find a solution until you have a clear idea of what the problem is.

MIDs, Wars, and Trade trend by year.

MIDs, Wars, and Trade Change and Correlation

**2. Collect Information**

Collect sketches, take photographs and gather data to start giving you inspiration.

1. Using MIDs, Wars, and Trade data from C.O.W, I analyzed these data with R. (HW 10)

After getting basic chart, the basic charts give what kind of data visualization can be used to show the intuition about the data, trend of the data, and the correlation and relation between these data sets.

Using these basic charts, we can make prototype of story about this data visualization project.

1. Many examples, which can be helpful to give intuition

**3. Brainstorm and Analyze Ideas**

Begin to sketch, make, and study so you can start to understand how all the data and information you’ve collected may impact your design.

So, list what kinds of charts we want to make based on the prototype of story which was made in second step (2 collect Information).

If you have multiple candidates of the main story, think what story can be best.

**4. Develop Solutions**

Take your preliminary ideas and form multiple small-scale design solutions.

Implement prototype of data visualization based on the step 1,2, and 3.

**5. Gather Feedback**

Present your ideas to as many people as possible: friends, teachers, professionals, and any others you trust to give insightful comments.

**6. Improve**

Reflect on all your feedback and decide if or to what extent it should be incorporated. It is often helpful to take solutions back through the Design Process to refine and clarify them.