Planning for my dashboard

1. Create a list of the elements you'd like to have on it—it's OK if you want to use the proposed structure in the Exercise, but if you feel strongly about a different format/plot, feel free to approach the research question in your own way.

   - Bar charts showing the 10 most popular start stations and 10 most popular end stations
   - A line graph showing the number of rides and average temperature for each month
   - A map showing the most common routes taken by Citi-bikers

2. Write down some questions to guide your analysis in a new word-processing document and explain how you intend to visualize the result to answer each of your questions.
   - What are the most used start stations?  The most used end stations?
     The results of the above questions will be visualized with bar charts, as they involve categorical variables.
   - What are the busiest times of year for Citi-bikers?
   - What is the average temperature for each month?
     The results of the above questions will be visualized with line graphs as line graphs are ideal for plotting a time-series.
   - What percentage of bikes used are classic bikes?  Electric bikes?
     The results of this question will be visualized with a pie-chart as pie charts are best suited for representing data as a portion of the whole
   - In which areas are Citi-bikers travelling the most?  The results of this question will be visualized with a map as it has a geographic component.