**Communicate-Data-Findings**

**A brief introduction of the data:**

Ford GoBike, like other bike share systems, consists of a fleet of specially designed, sturdy and durable bikes that are locked into a network of docking stations throughout the city. The bikes can be unlocked from one station and returned to any other station in the system, making them ideal for one-way trips. The bikes are available for use 24 hours/day, 7 days/week, 365 days/year and riders have access to all bikes in the network when they become a member or purchase a pass.

### The "Why"

Data visualization is an important skill that is used in many parts of the data analysis process.

**Exploratory** data visualization generally occurs during and after the data wrangling process, and is the main method that you will use to understand the patterns and relationships present in your data. This understanding will help you approach any statistical analyses and will help you build conclusions and findings. This process might also illuminate additional data cleaning tasks to be performed.

**Explanatory**data visualization techniques are used after generating your findings, and are used to help communicate your results to others. Understanding design considerations will make sure that your message is clear and effective. In addition to being a good producer of visualizations, going through this project will also help you be a good consumer of visualizations that are presented to you by others.

### Project Details

1. Dataset: [Ford GoBike](https://www.fordgobike.com/system-data)
2. Explore the data: Feel free to explore the jupyter notebook where the dataset is visually, and programatically explored.
3. Document the story: organized findings convey a story to present to an audience.
4. The project visualization occurred over three steps (univariate-bivariate-maultivariate)
5. Communicate the findings - a slide deck with my findings is prepared for a curious audience.

**Project Findings**

* 1. Younger ages have more durations .
  2. Males who rides bike in San Francisco are more than females .
  3. Females have more durations time.
  4. Subscribers are more than the customers .
  5. Customers have higher durations .
  6. Tuesday the most crowded day.
  7. San Francisco Caltrain the most crowded start station.