**Data Science Interview Level Two**

**1.** Total number of trips in the data set?

**2.** Number of unique trips in the data set? (

Example:

Start station to End station

1. South Van Ness at Market to South Van Ness at Market

2. South Van Ness at Market to Market at 10th

3. Market at 10th to South Van Ness at Market

4. South Van Ness at Market to South Van Ness at Market

**3.** Which bike is used the most in the data set?

**4.** Which week day has more trips**?**

**Hint use**

*dt = '2017-09-08'*

*year, month, day = (int(x) for x in dt.split('-'))*

*answer = datetime.date(year, month, day).weekday()*

*print answer*

*which will return 4.*

**5.**  In the above day of week which unique trip is most used.

**6.** Sort start terminals according to frequency of usage and list top ten and bottom ten.

**7.** Which Start Station is most used by customers?

**8.** Which Start Station is most used by Subscriber?

**9.** Which hour in the week days has most usage?

**10.** Which hour in the weekends has most usage?