

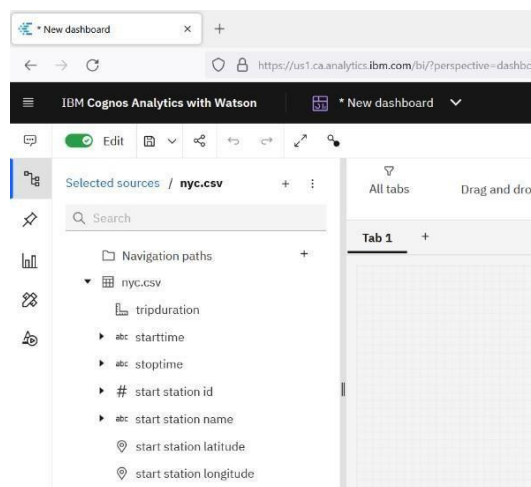
Project Development Phase – Sprint 1

Team ID	PNT2022TMID39501
Project Name	A new hint to transportation – Analysis of the NYC bike share system.
Team Members	Team Leader : THIRUPATHI K Team Member : VIGNESH P Team Member : AJAY A Team Member : MADHAN R

Data Preparation:

Dataset link : <https://s3.amazonaws.com/tripdata/index.html>

Uploading the dataset



Data Cleaning:

Finding the duplicates:

df =

```
data[data.birthyear.notnull()]
```

```
df.duplicated().sum()
```

0 # There are no null values present in birthyear



Checking null

values:

```
d=df.isna().sum()
```

```
d.head()
```

```
tripduration      0
starttime         0
stoptime          0
start station id   47
start station name 47
dtype: int64
```

Replace null values:

```
df.replace(np.nan,'-',inplace = True)
```

```
df.isnull().sum()
```

```
tripduration      0
starttime         0
stoptime          0
start station id   0
start station name 0
start station latitude 0
start station longitude 0
end station id     0
end station name   0
end station latitude 0
end station longitude 0
bikeid            0
usertype          0
birthyear         0
gender            0
tripduration_bins 0
Age              0
dtype: int64
```