

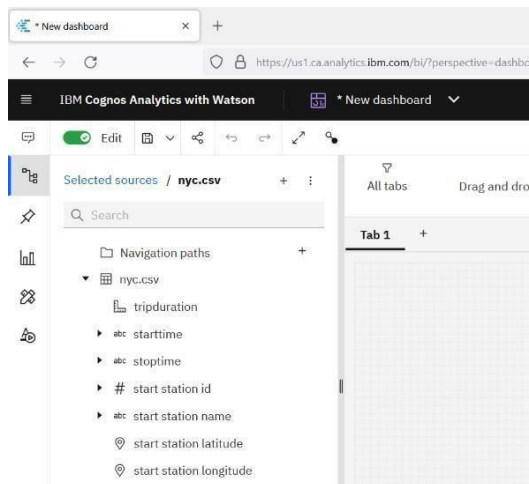
Project Development Phase – Sprint1

Date	18 November 2022
Team ID	PNT2022TMID48013
Project Name	A new hint to transportation – Analysis of the NYC bike share system.
Maximum Marks	20 Marks

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
```