RINEX MINI-PROJECT

COURSE: MACHINE LEARNING

TOPIC: EXPLORATORY DATA ANALYSIS

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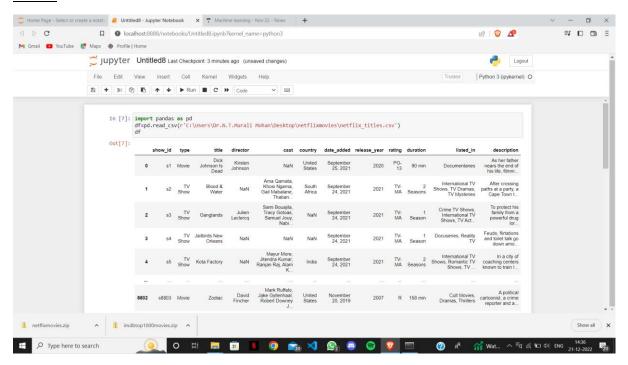
SEMESTER - 3

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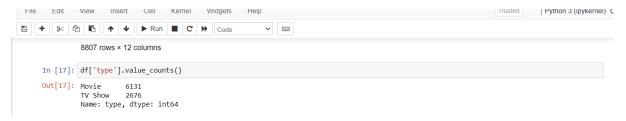
Exploratory Data analysis:

Inferences:

Dataset - Netflix movies and TV shows



1) Total number of movies and TV shows:



2) Number of movies and TV shows for each genre:

```
In [20]: df['listed_in'].value_counts()

Out[20]: Dramas, International Movies 360
Documentaries 359
Stand-Up Comedy 334
Comedies, Dramas, International Movies 274
Dramas, Independent Movies, International Movies 252

Kids' TV, TV Action & Adventure, TV Dramas 1
TV Comedies, TV Dramas, TV Horror 1
Children & Family Movies, Comedies, LGBTQ Movies 1
Kids' TV, Spanish-Language TV Shows, Teen TV Shows 1
Cult Movies, Dramas, Thrillers 1
Name: listed_in, Length: 514, dtype: int64
```

3) Number of David Fincher movies

4) Number of R-rated movies

5) Number of Indian TV shows

```
In [47]: ind=np.sum((df['country']=='India')&(df['type']=='TV Show'))
Out[47]: 79
```