RINEX MINI-PROJECT

COURSE: MACHINE LEARNING

TOPIC: EXPLORATORY DATA ANALYSIS

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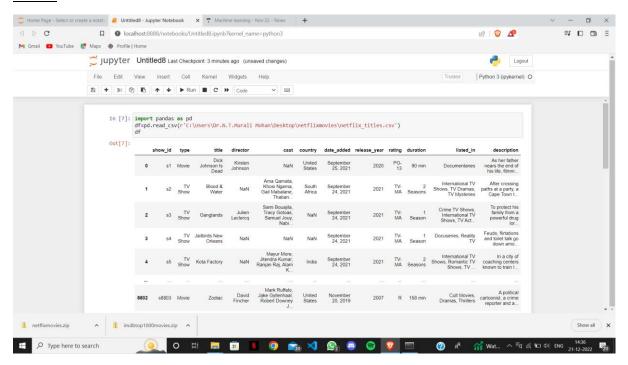COLLEGE NAME: PES UNIVERSITY

BRANCH: CSE
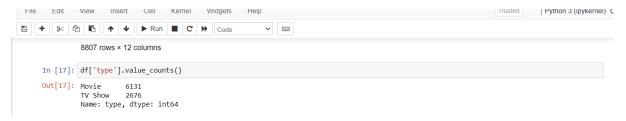
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Exploratory Data analysis:

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:

3) Number of David Fincher movies
4) Number of R-rated movies

```
                 Name: listed_in, Length: 514, dtype: int64

In [50]: import numpy as np
         ry=np.sum((df['director']=='David Fincher')&(df['type']=='Movie'))
         ry

Out[50]: 6

In [43]: import numpy as np
         r=np.sum((df['rating']=='R')&(df['type']=='Movie'))
         r

Out[43]: 797
```

5) Number of Indian TV shows

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

Out[47]: 79
```