import numpy as np

import pandas as pd

import plotly.express as px

from textblob import TextBlob

dff = pd.read\_csv('/content/drive/MyDrive/DataSet/netflix\_titles.csv') Distribution Of Content

z = dff.groupby(['rating']).size().reset\_index(name='counts') pieChart = px.pie(z, values='counts', names='rating', title='Distribution of Content Ratings on Netflix')

pieChart.show()

Distribution of Content Ratings on Netflix

24.5%

36.4%

9.8%

TV-MA

TV-14

TV-PG

R

PG-13

TV-Y7

TV-Y

PG

TV-G

NR

G

TV-Y7-FV NC-17

UR

9.08%

3.

3

.

4

3

.2

6

2.5%

0.0114% 0.0114%

66 min 74 min

z

5.57%

7

9

%

9

%

%

0.0114% 0.0341% 0.0341% 0.0682% 0.466%

0.909%

84 min

**rating counts**

**0** 66 min 1

**1** 74 min 1

**2** 84 min 1

**3** G 41

**4** NC-17 3

**5** NR 80

**6** PG 287

**7** PG-13 490

**8** R 799

**9** TV-14 2160

**10** TV-G 220

**11** TV-MA 3207

**12** TV-PG 863

**13** TV-Y 307

**14** TV-Y7 334

**15** TV-Y7-FV 6

Top 5 Directors on Netflix

**16** UR 3

dff['director']=dff['director'].fillna('No Director Specified')

filtered\_directors=pd.DataFrame()

filtered\_directors=dff['director'].str.split(',',expand=True).stack() filtered\_directors=filtered\_directors.to\_frame()

filtered\_directors.columns=['Director']

directors=filtered\_directors.groupby(['Director']).size().reset\_index(name='Total Content' directors=directors[directors.Director !='No Director Specified']

directors=directors.sort\_values(by=['Total Content'],ascending=False) directorsTop5=directors.head()

directorsTop5=directorsTop5.sort\_values(by=['Total Content'])

fig1=px.bar(directorsTop5,x='Total Content',y='Director',title='Top 5 Directors on Netflix fig1.show()

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D

Top 5 Directors on Netflix

Rajiv Chilaka

Jan Suter

Raúl Campos

Marcus Raboy

dff['director']=dff['director'].fillna('No Director Specified')

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Suhas Kadav

filtered\_directors.columns=['Director']

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Total Co

fig1=px.bar(directorsTop5,x='Total Content',y='Director',title='Top 5 Directors on Netflix fig1.show()