```
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')
```
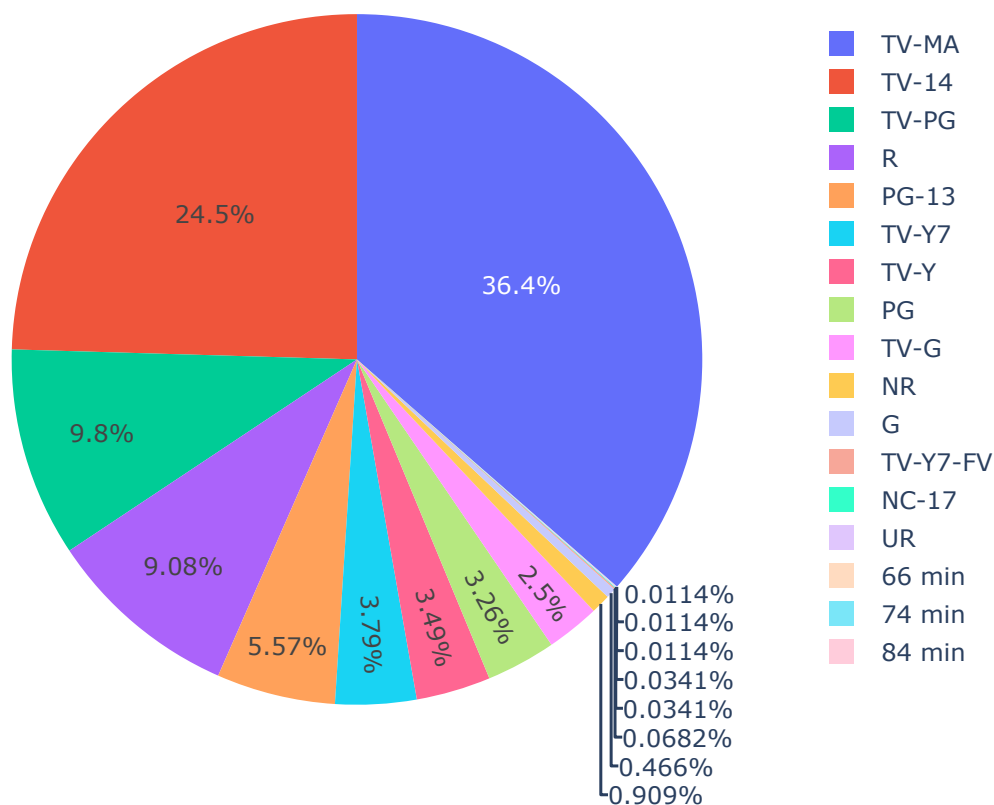
Distribution Of Content

```
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()
```
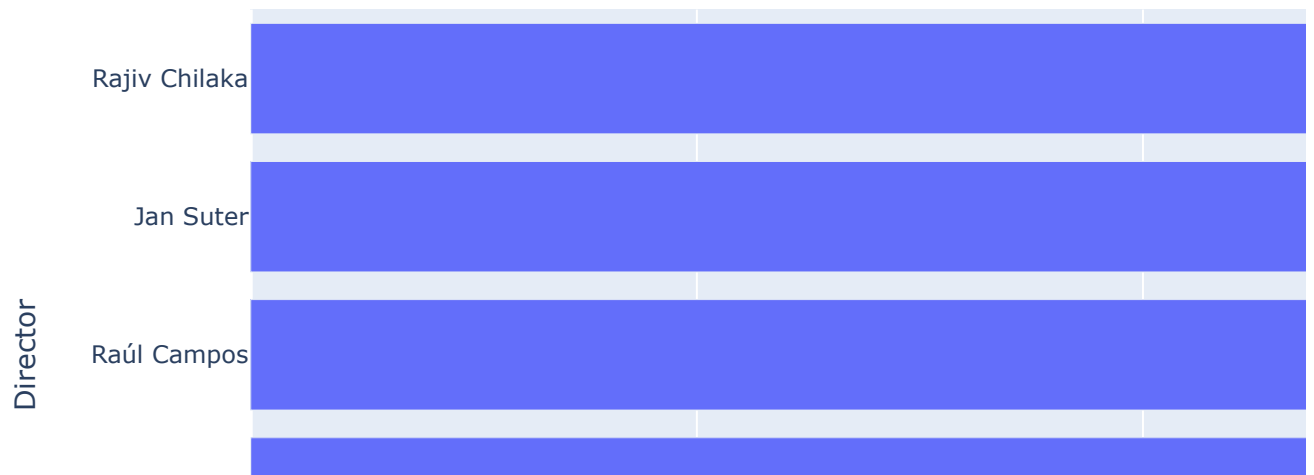
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Distribution of Content Ratings on Netflix

z

	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

Top 5 Directors on Netflix

```
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()
```

Top 5 Directors on Netflix


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