```python
import pandas as pd
import matplotlib.pyplot as plt
df=pd.read_csv("/content/drive/MyDrive/DV lab/canadian_immegration_data.csv")
df.head(5)
```

|	Country	Continent	Region	DevName	1980	1981	1982	1983	1984	1985	...
0	Afghanistan	Asia	Southern Asia	Developing regions	16	39	39	47	71	340	...
1	Albania	Europe	Southern Europe	Developed regions	1	0	0	0	0	0	...
2	Algeria	Africa	Northern Africa	Developing regions	80	67	71	69	63	44	...
3	American Samoa	Oceania	Polynesia	Developing regions	0	1	0	0	0	0	...
4	Andorra	Europe	Southern Europe	Developed regions	0	0	0	0	0	0	...

5 rows × 39 columns

```python
k=df.sort_values(['Total'],ascending=False)
m=k.head(6)
farea=m.iloc[:,4:-1].transpose()
colm=m["Country"]
farea_columns=colm
farea.plot.area()
```

<Axes: >
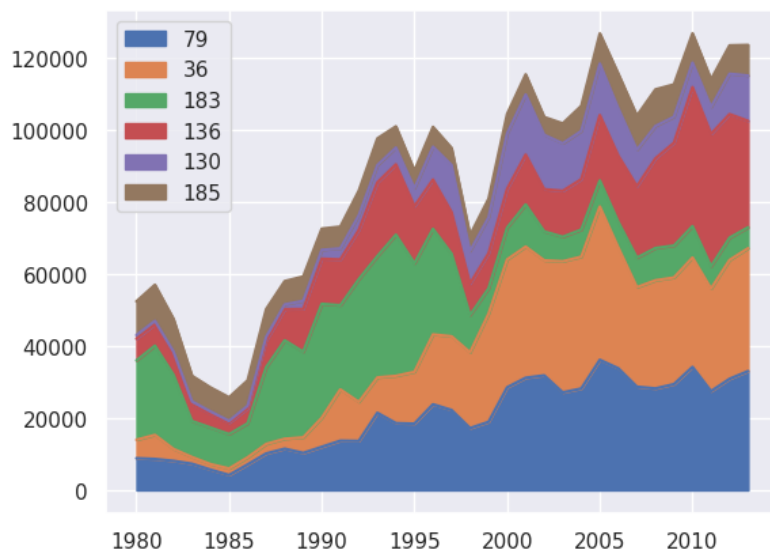

```python
xc=df.columns[4:-1]
yc=df.iloc[182,4:-1]
fig=plt.figure(figsize=(30,4))
plt.bar(xc,yc)
plt.title("cananda")
plt.show()
```
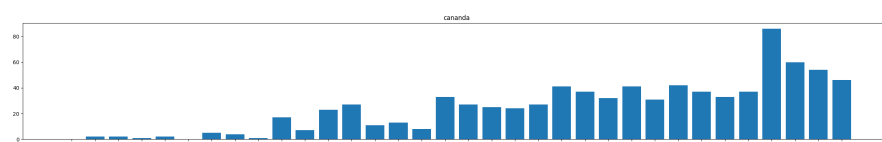


```python
import seaborn as sns
col3=["India","Philippines","China"]
new3=pd.DataFrame()
for i,j in zip([10,1,3],col3):new3[j]=df.iloc[i,4:-1]
fnew3=new3.transpose()
fig,ax=plt.subplots()
```

```
plt.boxplot(tnew3)
```

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       <matplotlib.lines.Line2D at 0x7d9bdea6a3b0>],
      'means': []}

```
new4=pd.DataFrame()
```