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# imports
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline

#load data
df = pd.read_csv('indiadata.csv',encoding = 'latin1')

df.head()

df.info()

np.unique(df['Year'])

df['Year'].value_counts()

sns.distplot(df['Year'],kde=False,bins=40)

(np.unique(df['City']))

np.unique(df['Country'])

np.unique(df['attack type'])

df['attack type'].value_counts()

np.unique(df['Target Type'])

df['Target Type'].value_counts()
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```
np.unique(df['Target Sub Type'])

len(np.unique(df['Target']))

np.unique(df['Weapon Type'])

df['Weapon Type'].value_counts()

np.unique(df['Weapon sub type'])

df['Terrorist Organization'].value_counts()

len(np.unique(df['Terrorist Organization']))

len(np.unique(df['motive']))



plt.figure(figsize=(10,5))
plt.xlim(1995,2016)
sns.swarmplot(y='Weapon Type', x= 'Year',data=df)
```