```
import pandas as pd
import seaborn as sns
sns.set(color_codes=True)
```

```
music = pd.read_csv('WorldHits.csv')
```

```
music.head()
```

	Track	Artist	Album	Year	Duration	Time_Signature	Danceability	Energy	Key	Loudness	Mode	Speechiness	Acousticne
0	Release	Afro Celt Sound System	Volume 2: Release (Real World Gold)	2005	456160	4	0.633	0.828	5	-7.266	0	0.0480	0.0
1	Saor / Free / News from Nowhere	Afro Celt Sound System	Vol. 1: Sound Magic (Real World Gold)	1999	501093	4	0.511	0.524	7	-10.504	1	0.0305	0.0
2	When You're Falling	Afro Celt Sound System	Volume 3 : Further In Time (Real World Gold)	2003	314160	4	0.638	0.822	11	-7.305	1	0.0380	0.0
3	Whirl-Y-Reel 1	Afro Celt Sound System	Vol. 1: Sound Magic (Real World Gold)	1999	441200	4	0.645	0.810	2	-8.133	1	0.0381	0.1
4	Electric Rendezvous	Al Di Meola	Electric Rendezvous	1982	467266	4	0.337	0.658	9	-12.241	1	0.0388	0.1

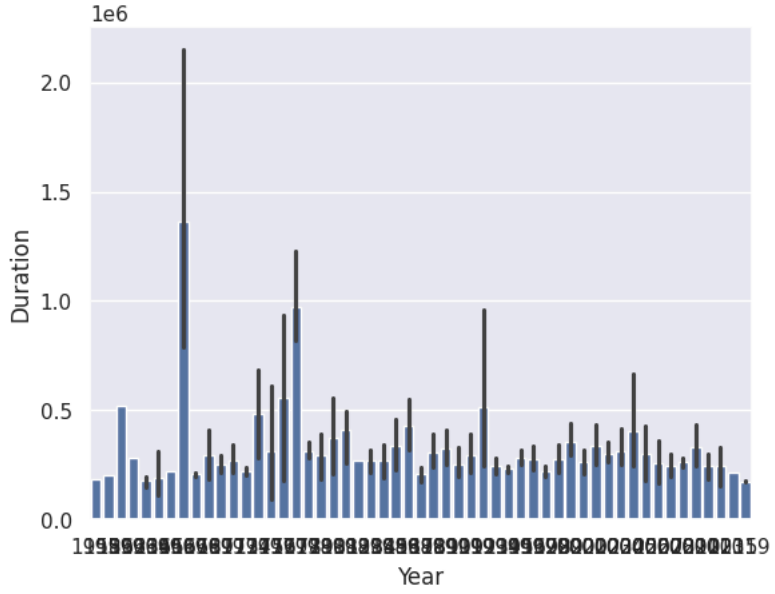
Next steps: Generate code with `music` View recommended plots New interactive sheet

```
music.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 326 entries, 0 to 325
Data columns (total 18 columns):
 #   Column            Non-Null Count  Dtype
---  ------            --------------  -----
 0   Track             326 non-null    object
 1   Artist            326 non-null    object
 2   Album             326 non-null    object
 3   Year              326 non-null    int64
 4   Duration          326 non-null    int64
 5   Time_Signature    326 non-null    int64
 6   Danceability      326 non-null    float64
 7   Energy            326 non-null    float64
 8   Key               326 non-null    int64
 9   Loudness          326 non-null    float64
 10  Mode              326 non-null    int64
 11  Speechiness       326 non-null    float64
 12  Acousticness      326 non-null    float64
 13  Instrumentalness  326 non-null    float64
 14  Liveness          326 non-null    float64
 15  Valence           326 non-null    float64
 16  Tempo             326 non-null    float64
 17  Popularity        326 non-null    int64
dtypes: float64(9), int64(6), object(3)
memory usage: 46.0+ KB
```

```
sns.barplot( y=music['Duration'],x=music['Year'])
```

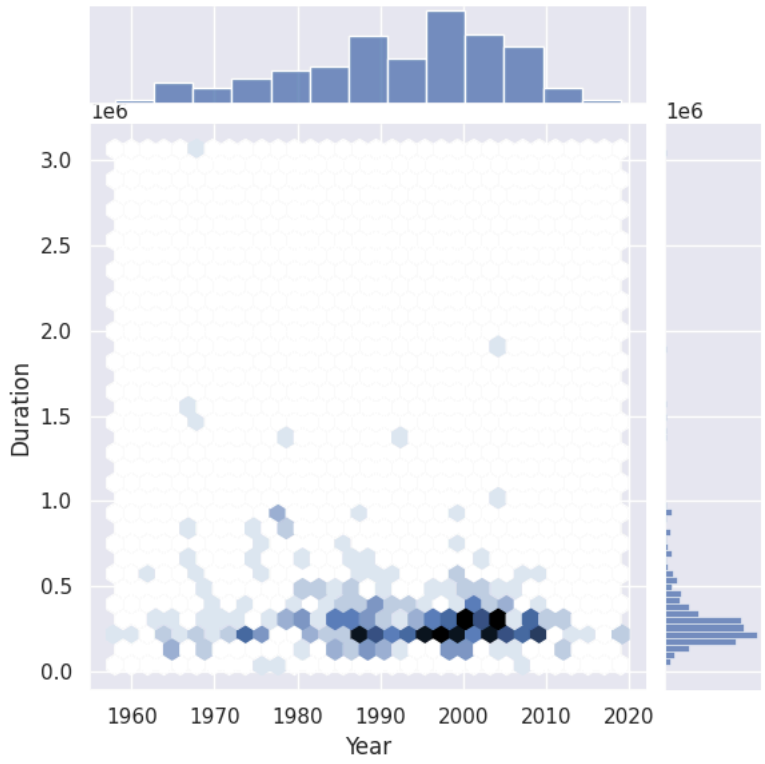
```
<Axes: xlabel='Year', ylabel='Duration'>
```




```
Start coding or generate with AI.
```

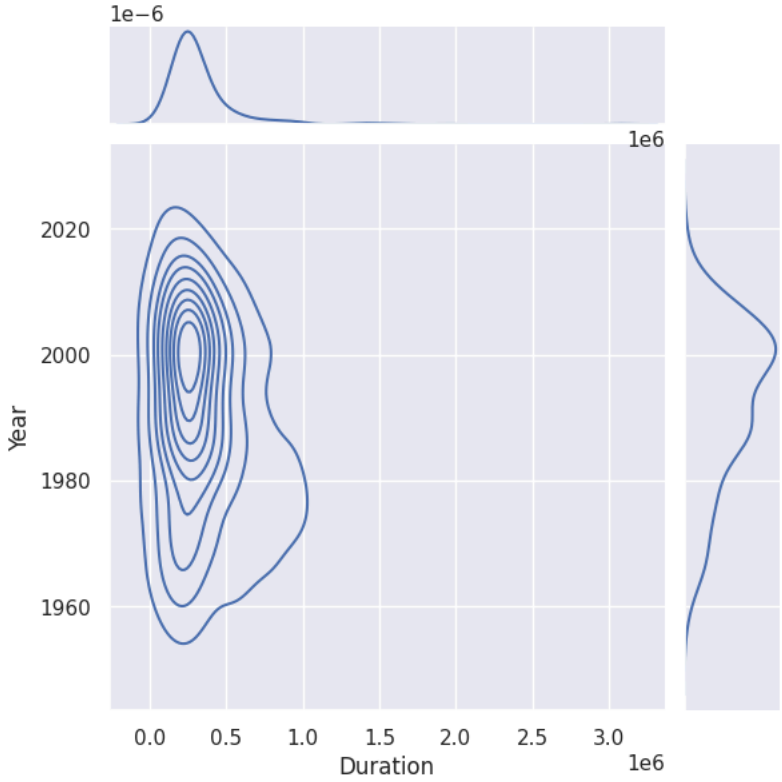
```
sns.jointplot(x=music['Year'], y=music['Duration'], kind="hex") #rakhi-14
```

```
<seaborn.axisgrid.JointGrid at 0x7afef6b17190>
```



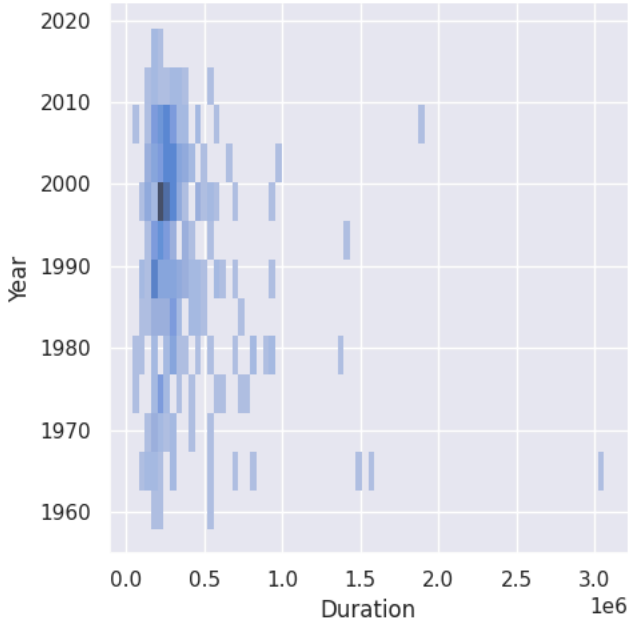

```
sns.jointplot( x=music['Duration'],y= music['Year'], kind="kde")
```

```
<seaborn.axisgrid.JointGrid at 0x7afef12722c0>
```



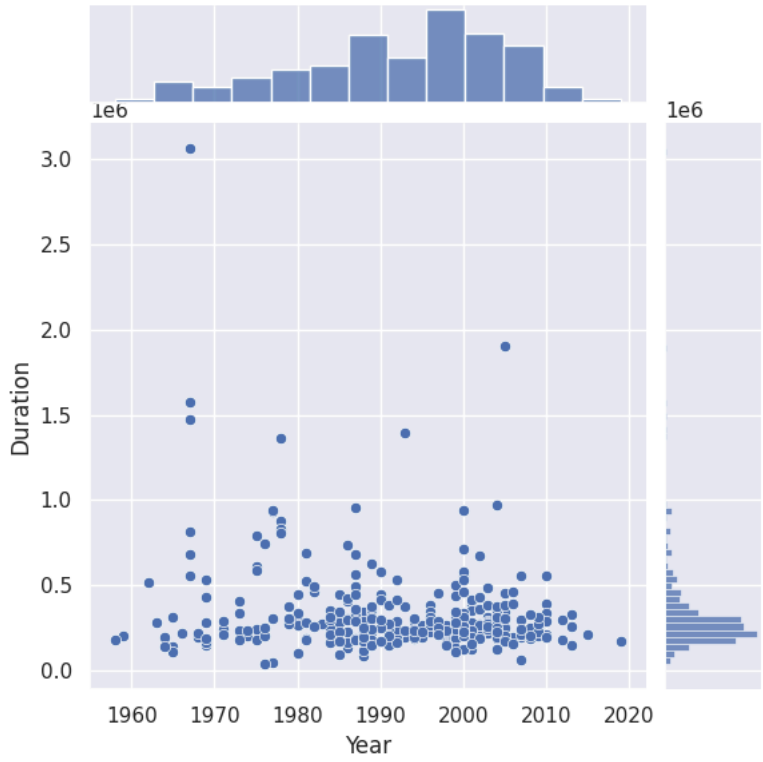

```
sns.displot(x=music['Duration'],y=music['Year'])#rakhi-14
```

```
<seaborn.axisgrid.FacetGrid at 0x7afef0d93790>
```



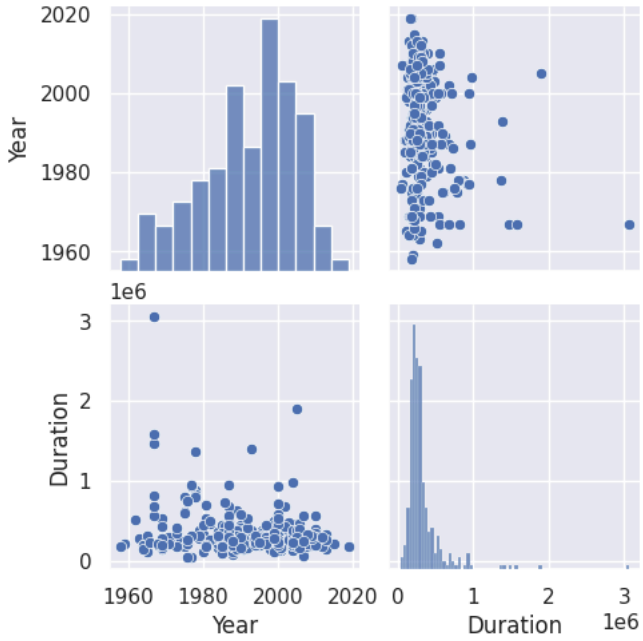

```
sns.jointplot(x=music['Year'],y=music['Duration']) #rakhi-14
```

```
<seaborn.axisgrid.JointGrid at 0x7afef0d90880>
```



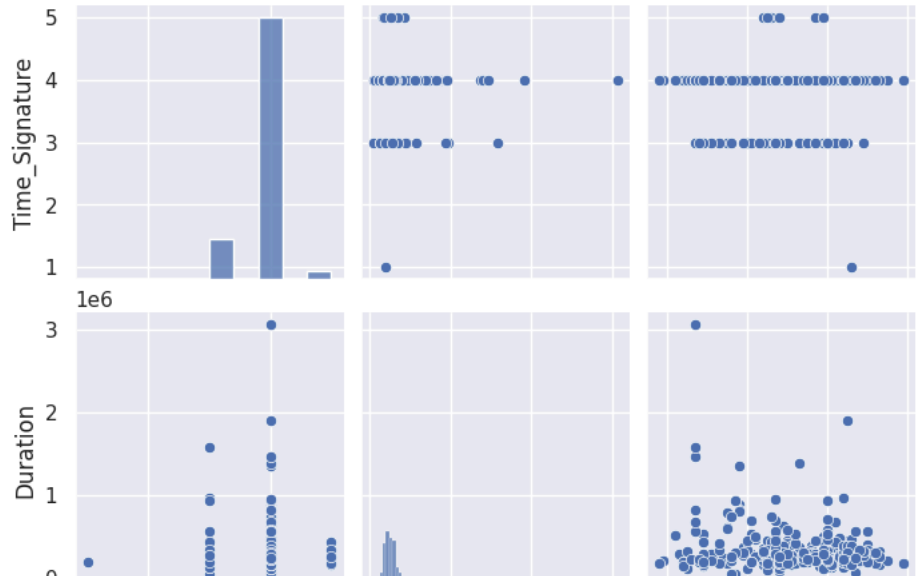

```
sns.pairplot(music[['Year','Duration']])
```

```
<seaborn.axisgrid.PairGrid at 0x7a5ea3c12f80>
```



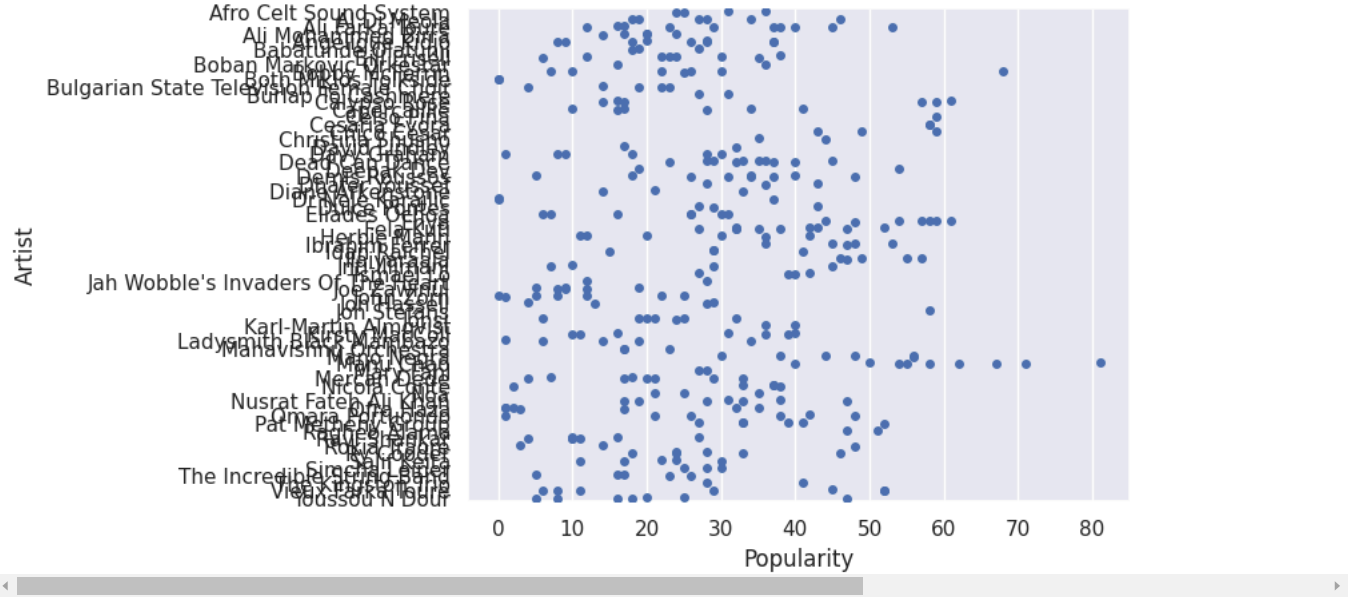

```
sns.pairplot(music[['Time_Signature','Duration',"Year"]]) #rakhi-14
```

```
<seaborn.axisgrid.PairGrid at 0x7afef6cd50f0>
```




```
sns.stripplot(x=music['Popularity'],y=music['Artist'],jitter=True) #rakhi-14
```

```
<Axes: xlabel='Popularity', ylabel='Artist'>
```




```
sns.boxplot(x=music['Year'],y=music['Artist'],hue=music['Popularity']) #rakhi-14
```

```
<Axes: xlabel='Year', ylabel='Artist'>
```