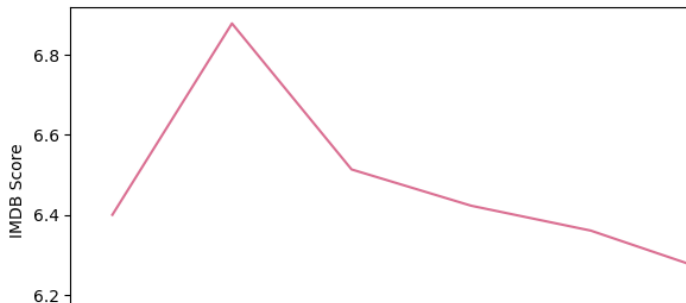


```
linijinis = data.groupby('Year')['IMDB Score'].mean()
linijinis
```

```
Out[76]: Year
2014    6.400000
2015    6.877778
2016    6.513333
2017    6.422727
2018    6.360606
2019    6.259200
2020    6.195082
2021    6.046479
Name: IMDB Score, dtype: float64
```

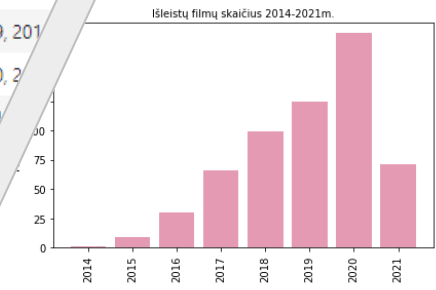
```
In [69]: plt.figure(figsize=(10,4))
sns.lineplot(x='Year',y='IMDB Score',data=data, ci=None, color='palevioletred')
plt.style.use(style="classic")
fig.tight_layout()
plt.show()
```



```
ad_csv('/Users/gabrielegatulyte/Desktop/NetflixOriginals.csv')
```

	Title	Genre	Premiere	Runtime
	Enter the Anime	Documentary	August 5, 2019	
	Dark Forces	Thriller	August 21, 2020	
	The App	Science fiction/Drama	December 26, 2019	
3	The Open House	Horror thriller	January 19, 2019	
4	Kaali Khuhi	Mystery	October 30, 2019	
5	Drive	Action	November 1, 2019	
6	Leyla Everlasting	Comedy	December 1, 2019	
7	The Last Days of American Crime	Heist film/Thriller	July 1, 2019	
8	Paradox	Musical/Western/Fantasy	May 1, 2019	
9	Sardar Ka Grandson	Comedy	September 1, 2019	

```
me(data['Premiere'])
].dt.year
e'].dt.month
].dt.day
remiere'].dt.dayofweek
].value_counts()
ts()
.index, pagal_mesius.values, alpha = 0.7, color="palevioletred")
e="fast")
ilmu skaičius")
ion=90)
istų filmų skaičius 2014-2021m.', fontsize=10);
ut()
```



```
[10]: pagal_mesius = data['Month'].value_counts().sort_index()
```

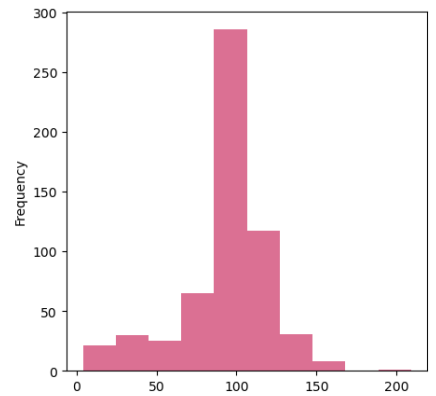
Ilgiausias filmas: The Irishman (su De Niro - 3val 29min.)

```
In [73]: data[data.Runtime == data.Runtime.min()][['Title', "Runtime"]]
```

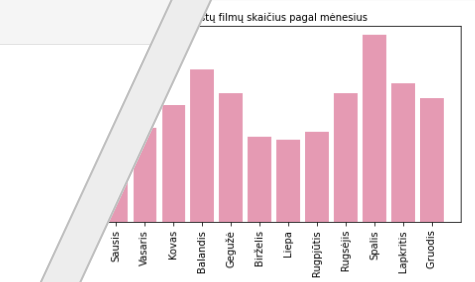
```
Out[73]: Title Runtime
40 Sol Levante 4
```

trumpiausias filmas: Sol Levante (anime - 4min)

```
In [32]: data["Runtime"].plot(kind='hist',bins=10,figsize=(5,5),color='palevioletred')
plt.style.use(style="classic")
plt.show()
```



```
rugsejis , Spalis , Lapkritis , Gruodis )
].values, alpha = 0.7, color="palevioletred")
is")
skaičius pagal mėnesius', fontsize=10);
```

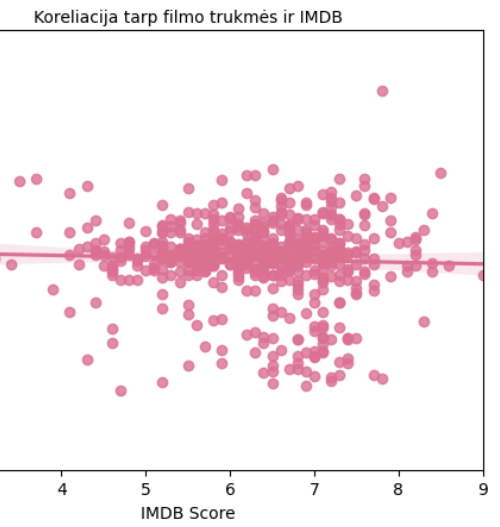


```
pagal_diena = data['Day_of_week'].value_counts().sort_index()
dienes = ('Pirmadienis', 'Antradienis', 'Trečiadienis', 'Ketvirtadienis',
'Penktadienis', 'Šeštadienis', 'Sekmadienis')
```

```
[15]: fig, ax = plt.subplots()
plt.bar(dienes, pagal_diena.values, alpha = 0.7, color="palevioletred")
plt.style.use(style="fast")
ax.set_xlabel("Filmų skaičius")
plt.xticks(rotation=90)
```

```
='IMDB Score',y='Runtime',color='palevioletred')
lassic")
a tarp filmo trukmės ir IMDB', fontsize=10)
```

Koreliacija tarp filmo trukmės ir IMDB



Koreliacijos nėra, todėl galim sakyti jog IMDB nepriklauso nuo runtime

```
In [74]: data['IMDB Score'].describe()
```