

Suits

```
import pandas as pd
import matplotlib.pyplot as plt
import requests
```

Suits is an American legal drama television series created and written by Aaron Korsh. The show premiered on June 23, 2011, on the USA Network and concluded on September 25, 2019, after nine seasons and 134 episodes.

Overview

The series is set at a fictional law firm in New York City, and follows talented college dropout Mike Ross, who starts working as a law associate for Harvey Specter, despite never having attended law school. The show focuses on Harvey and Mike managing to close cases while maintaining Mike's secret.

Cast

Suits features an ensemble cast led by Gabriel Macht as Harvey Specter, a sharp and charming lawyer who is one of the city's top litigators. Patrick J. Adams plays Mike Ross, who impresses Harvey with his quick wit and photographic memory. Other main characters include: - **Jessica Pearson** (played by Gina Torres) – Managing Partner of Pearson Hardman - **Rachel Zane** (played by Meghan Markle) – A paralegal and Mike's eventual love interest - **Louis Litt** (played by Rick Hoffman) – Another partner at the firm known for his volatile personality and intense loyalty to the firm

Reception

The show received generally positive reviews from critics and was praised for its fast-paced dialogue and strong character development. It has garnered a loyal fan base and has been nominated for several awards throughout its run.



Figure 1: image.png

```
url = 'https://en.wikipedia.org/wiki/List_of_Suits_episodes'
response = requests.get(url)
```

```
tables = pd.read_html(response.text)
```

```
/var/folders/3k/_bdm5g5s77g0mm8c67x4pqxc0000gn/T/ipykernel_1490/844111212.py:1: FutureWarning
    tables = pd.read_html(response.text)
```

Summary of basic statistics

```
viewers_col = "U.S. viewers (millions)"
viewers = tables[1][[viewers_col]]
viewers[viewers_col] = viewers[viewers_col].apply(lambda x: x.split(' ')[0]).astype(float)
viewers.describe()
```

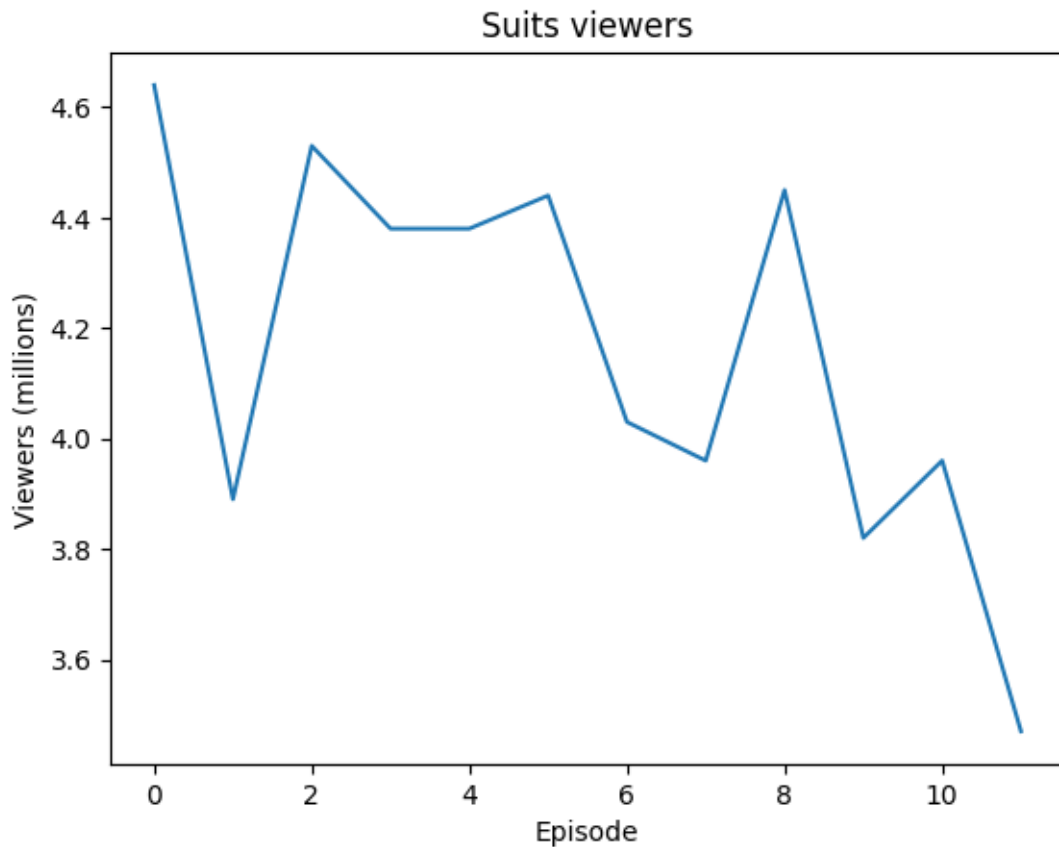
/var/folders/3k/_bdm5g5s77g0mm8c67x4pqxc0000gn/T/ipykernel_1490/3860780351.py:3: SettingWithCopyWarning: A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide
`viewers[viewers_col] = viewers[viewers_col].apply(lambda x: x.split(' ')[0]).astype(float)`

	U.S. viewers (millions)
count	12.000000
mean	4.162500
std	0.355224
min	3.470000
25%	3.942500
50%	4.205000
75%	4.442500
max	4.640000

Viewership over time

```
viewers[viewers_col].plot()
plt.title('Suits viewers')
plt.xlabel('Episode')
plt.ylabel('Viewers (millions)')
plt.show()
```

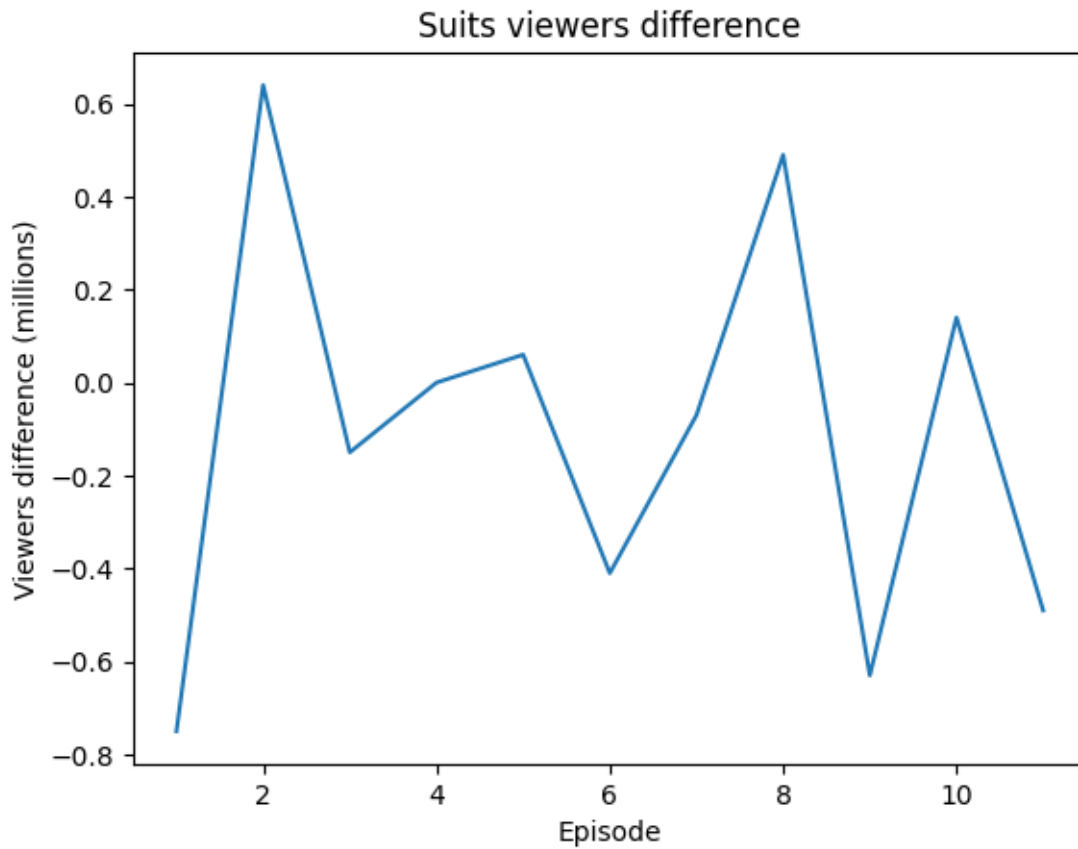


Viewership differences by episode

```
# A graph of the episode-to-episode changes in viewership.
```

```
viewers[viewers_col].diff().plot()  
plt.title('Suits viewers difference')  
plt.xlabel('Episode')  
plt.ylabel('Viewers difference (millions)')
```

```
Text(0, 0.5, 'Viewers difference (millions)')
```



Viewership of episode 10 was 0.4 mln smaller than at 9 episode. Episode 1 had smaller popularity than episode 0.