

Game of Thrones - Season 8 Summary

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today

```
season = 1
```

```
# Injected Parameters  
season = 8
```

```
import pandas as pd  
import os  
from datetime import datetime  
  
results = {}  
  
data_file = f"../Data/season_{season}.csv"  
  
if not os.path.exists(data_file):  
    raise FileNotFoundError(f>Data for season {season} not found!")  
  
season_data = pd.read_csv(data_file)  
  
if season_data.empty:  
    raise ValueError(f>Data object 'season_data' is empty in {data_file}")  
  
season_data['premiere_date'] = pd.to_datetime(  
    season_data['premiere_date'].str.split("(").str[1].str.split(")").str[0]  
)  
  
num_episodes = season_data['no_season'].max()  
start_date = season_data['premiere_date'].min().strftime('%B %d')  
end_date = season_data['premiere_date'].max().strftime('%B %d')  
year = season_data['premiere_date'].max().strftime('%Y')
```

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avg_viewers = round(season_data['viewers'].mean(),3)
min_viewers = round(season_data['viewers'].min(),2)
max_viewers = season_data['viewers'].max()

top_episode = season_data[season_data['viewers'] == max_viewers].iloc[0]

results[season] = {
    'num_episodes': num_episodes,
    'start_date': start_date,
    'end_date': end_date,
    'year': year,
    'avg_viewers': avg_viewers,
    'min_viewers': min_viewers,
    'max_viewers': max_viewers,
    'top_episode_title': top_episode['title'],
    'top_episode_description': top_episode['description'],
    'highlighted_episodes': season_data[season_data['viewers'] > avg_viewers][
        ['no_season', 'title', 'directed_by']]
    ].rename(columns={'no_season': 'No. in season', 'directed_by': 'Director'})
}
#

```

Game of Thrones - Season 8 summary in numbers

(*Warning:* spoilers ahead)

Overview

(From the [Wikipedia](#)) Game of Thrones is an American fantasy drama television series created by David Benioff and D. B. Weiss for HBO. It is an adaptation of A Song of Ice and Fire, a series of fantasy novels by George R. R. Martin, the first of which is A Game of Thrones.

Set on the fictional continents of Westeros and Essos, Game of Thrones has a large ensemble cast and follows several story arcs throughout the course of the show. A major arc concerns the Iron Throne of the Seven Kingdoms of Westeros through a web of political conflicts among the noble families either vying to claim the throne or fighting for independence from it. Another focuses on the last descendant of the realm's deposed ruling dynasty, who has been exiled to

Essos and is plotting a return to the throne. A third story arc follows the Night's Watch, a military order defending the realm against threats from the North.

Season 8 summary

Season 8 of Game of Thrones consisted of 6 episodes that aired between April 14 and May 19, 2019 on HBO. The show gathered an average of 11 million first-day TV viewers in the US, with the number growing from 10 to 13 million by the end of the season.

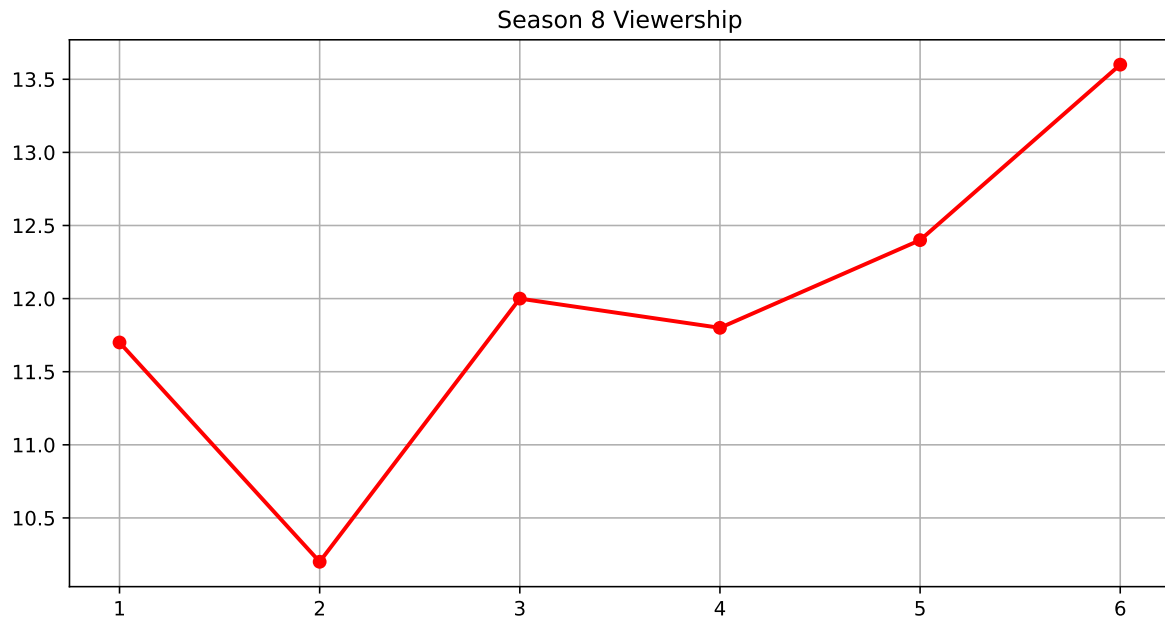
The most popular episode of the season was “The Iron Throne”, in which:

Jon is appalled when the Unsullied execute captured soldiers upon Daenerys's orders. Tyrion finds Jaime and Cersei dead in the ruins. Daenerys rallies the Unsullied and Dothraki, proclaiming she will lead them to “liberate” the entire world. Tyrion resigns as Hand of the Queen and is imprisoned for treason. Arya and Tyrion separately warn Jon that Daenerys is a threat to him, House Stark, and the people. Jon confronts Daenerys. Unable to halt her destructive path, an agonized Jon kills her. Drogon, enraged, melts the Iron Throne, then carries away Daenerys's body. Later, Tyrion proposes that all future monarchs be chosen by Westerosi leaders, rather than familial succession. Bran Stark is proclaimed King Bran the Broken. He grants the North independence as a kingdom and appoints Tyrion his Hand. Jon is sentenced to the Night's Watch to appease the Unsullied, who set sail for Naath, Missandei's homeland. Tyrion reorganizes the Small Council – Brienne, Bronn, Davos, and Sam – to rebuild King's Landing. Podrick is knighted. Sansa is crowned Queen in the North. Arya sets sail to explore unknown lands west of Westeros. Jon rejoins Tormund and Ghost at Castle Black, leading the Wildlings north of the Wall.

You can see how the viewership of the episodes changed in Figure 1.

```
import matplotlib.pyplot as plt
plt.figure(figsize=(10, 5))
plt.plot(season_data['no_season'],
         season_data['viewers'],
         color='red',
         linewidth=2,
         marker='o')
plt.xticks(season_data['no_season'])
```

```
plt.title(f"Season {season} Viewership")
plt.grid(True)
plt.show()
```



Finally, the episodes with the above-average viewership were:

Requirement already satisfied: tabulate in c:\users\hp\.conda\envs\myenv\lib\site-packages (0.8.10)

	Episode	Title	Director
2	3	"The Long Night"	Miguel Sapochnik
4	5	"The Bells"	Miguel Sapochnik
5	6	"The Iron Throne"	David Benioff & D. B. Weiss