Game of Thrones - Season 3 Summary

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today

```python
season = 1
```

```python
# Injected Parameters
season = 3
```

```python
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')
```

```
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 3 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.
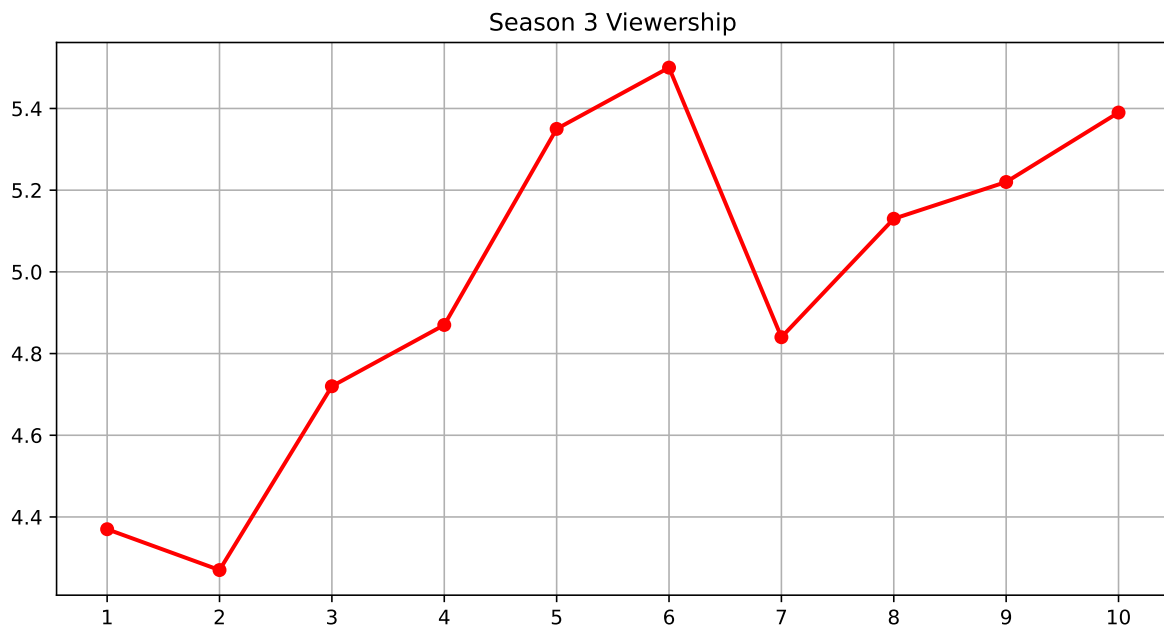

Season 3 summary

Season 3 of Game of Thrones consisted of 10 episodes that aired between March 31 and June 09, 2013 on HBO. The show gathered an average of 4 million first-day TV viewers in the US, with the number growing from 4 to 5 million by the end of the season.

The most popular episode of the season was "The Climb", in which:

> In King's Landing, Tywin coerces Olenna into an agreement to marry Cersei to Loras. Cersei admits to Tyrion that Joffrey tried to have him killed during the siege. Tyrion informs Shae and Sansa about his and Sansa's betrothal. Littlefinger tells Varys that he discovered Ros was Varys' informant and that Joffrey killed her. In the Riverlands, Melisandre buys Gendry from the Brotherhood, and foretells Arya that she will kill many people with brown eyes, green eyes, and blue eyes; she promises they will meet again. Having married Talisa, Rob strikes a new agreement with Walder Frey by giving him Harrenhal and having his uncle, Edmure Tully, marry a Frey daughter or granddaughter. Roose Bolton plans to send Jaime to King's Landing, but refuses to allow Brienne to accompany him. At an unknown location, the mysterious man continues torturing Theon. In the North, tension arises between Osha and Meera. Beyond the Wall, Sam continues his flight with Gilly, while Jon and Ygritte scale the Wall with two other Wildlings.

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

```python
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()
```

Season 3 Viewership

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

4	5	"Kissed by Fire"	Alex Graves
4	5	"Kissed by Fire"	Alex Graves
5	6	"The Climb"	Alik Sakharov
7	8	"Second Sons"	Michelle MacLaren
8	9	"The Rains of Castamere"	David Nutter
9	10	"Mhysa"	David Nutter