

# Assignment Q&M 3

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## Game of Thrones - Season 1 summary in numbers

(*Warning:* spoilers ahead)

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### 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.

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### Season 2 Summary

Description from the Wikipedia page.

```

library(rvest)
library(stringr)

season <- params$season
wiki_url <- paste0("https://en.wikipedia.org/wiki/Game_of_Thrones_(season_", season, ")")

# Read the HTML
page <- read_html(wiki_url)

# Extract first paragraph under the content (usually <p> inside the main content div)
paragraphs <- page %>% html_elements("p") %>% html_text()

# Pick the first non-empty paragraph as the season description
season_summary <- paragraphs[which(str_length(paragraphs) > 100)[1]]

```

The second season of the fantasy drama television series *Game of Thrones* premiered in the United States on HBO on April 1, 2012, and concluded on June 3, 2012. It consists of 10 episodes, each running approximately 50–60 minutes. The season mostly covers the events of *A Clash of Kings*, the second novel of the *A Song of Ice and Fire* series by George R. R. Martin, adapted for television by David Benioff and D. B. Weiss. HBO ordered the second season on April 19, 2011, which began filming in July 2011, primarily in Ireland, Northern Ireland, Croatia and Iceland.

```

most_popular_index <- which.max(season_data$viewers)

most_popular_title <- season_data$title[most_popular_index]
most_popular_description <- season_data$description[most_popular_index]

```

The most popular episode of the season was “Valar Morghulis”, in which:

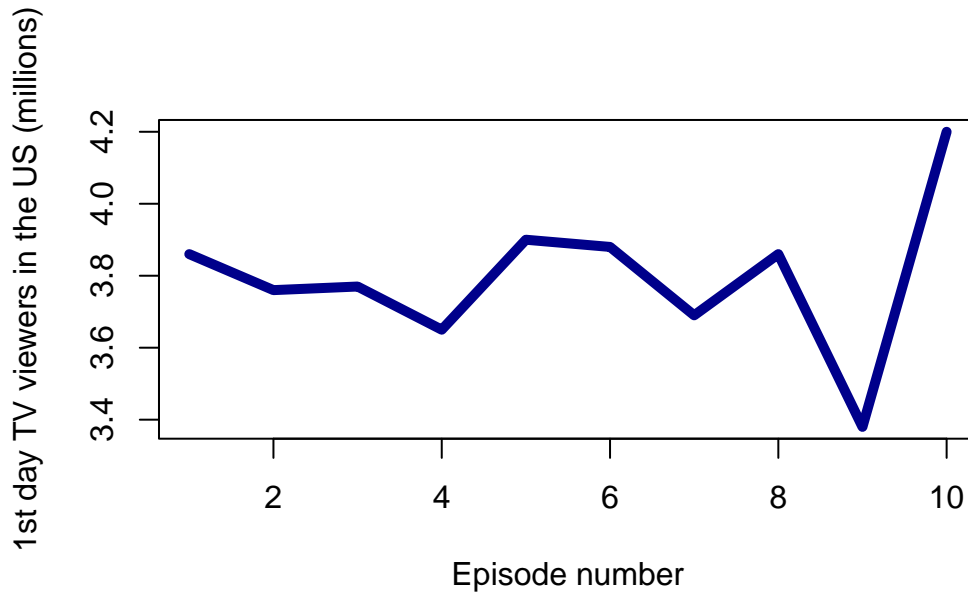
“Joffrey sets Sansa aside to marry Margaery Tyrell and ally with the Tyrell family. Tyrion fears for his and Shae’s safety after Tywin is named Hand of the King. Melisandre gives Stannis a new hope. Brienne kills Stark soldiers after they recognize Jaime. Catelyn fails to dissuade Robb from marrying Talisa, breaking his promise to wed Walder Frey’s daughter. In Qarth, inside the House of the Undying, Daenerys enters a simulacrum of a destroyed Iron Throne room, then is reunited with what appears to be Khal Drogo and their infant son. Knowing it is unreal, she leaves and successfully retrieves her dragons, who fatally burn Pree, who tries to imprison her. She seals Daxos and her traitorous servant inside his empty vault and claims his other possessions, with which Jorah will pay for a small ship. In Winterfell, Theon wants his men to fight Robb’s army, but they knock him unconscious and leave; Winterfell is torched. Fatally wounded Maester Luwin convinces

Osha to escape with Brandon and Rickon to the Wall for Jon's protection. After Arya, Hot Pie, and Gendry escape Harrenhal, H'ghar gives Arya a non-monetary coin he says can be used to find him in Braavos. Before her, he magically changes his face. North of the Wall, Halfhand forces Jon to kill him to prove his loyalty to the Wildlings. An army of White Walkers and dead men surrounds the Fist of the First Men; Sam hides, watching in horror as they pass."

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

```
plot(season_data$viewers, type="l", col="darkblue", lwd=5, xlab = "Episode number", ylab = "1st day TV viewers in the US (millions)")
```



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

```
avg_viewers <- mean(season_data$viewers, na.rm = TRUE)
popular_episodes <- season_data[season_data$viewers > avg_viewers, ]
```

```
table_data <- popular_episodes[, c("no_season", "title", "directed_by")]
knitr::kable(table_data, col.names = c("No. in season", "Title", "Directed by"))
```

|    | No. in season | Title                      | Directed by    |
|----|---------------|----------------------------|----------------|
| 1  | 1             | “The North Remembers”      | Alan Taylor    |
| 9  | 5             | “The Ghost of Harrenhal”   | David Petrarca |
| 11 | 6             | “The Old Gods and the New” | David Nutter   |
| 15 | 8             | “The Prince of Winterfell” | Alan Taylor    |
| 19 | 10            | “Valar Morghulis”          | Alan Taylor    |