

# 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 8 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 eighth and final season of the fantasy drama television series Game of Thrones, produced by HBO, premiered on April 14, 2019, and concluded on May 19, 2019. Unlike the first six seasons, which consisted of ten episodes each, and the seventh season, which consisted of seven episodes, the eighth season consists of only six episodes.

```

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 “The Iron Throne”, in which:

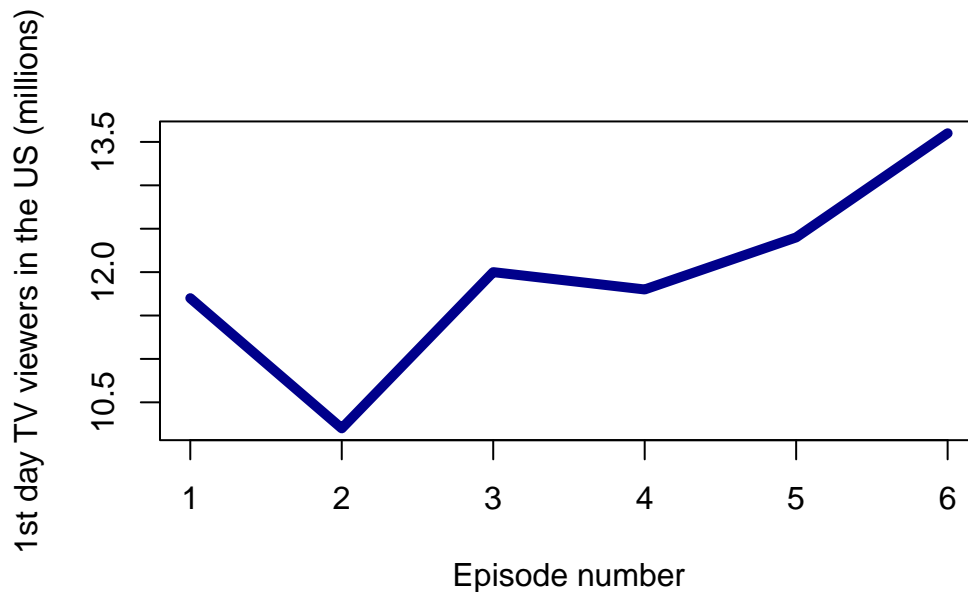
“Jon is appalled when the Unsullied execute captured soldiers upon Daenerys’ orders. Tyrion finds Jaime and Cersei dead in the ruins. Daenerys rallies the Unsullied and Dothraki, proclaiming she will lead them to “liberate” the entire world. Tyrion resigns as Hand of the Queen and is imprisoned for treason. 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’ 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.”

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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
5	3	“The Long Night”	Miguel Sapochnik
9	5	“The Bells”	Miguel Sapochnik
11	6	“The Iron Throne”	David Benioff & D. B. Weiss