Assignment\_TV show report

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# 1. Introduction

*Suits* is an American television drama series created by Aaron Korsh, which premiered on June 23, 2011, on the USA Network. It revolves around Mike Ross (Patrick J. Adams), who begins working as a law associate for Harvey Specter (Gabriel Macht), despite never attending law school. The show focuses on Harvey and Mike managing to close cases, while maintaining Mike’s secret.

The series was renewed for an eighth season on January 30, 2018. In January 2019, the series was renewed for a ninth and final season which premiered on July 17, 2019. During the course of the series, 134 episodes of *Suits* aired over nine seasons, between June 23, 2011, and September 25, 2019.



# 2. Viewership

## 2.1 Viewership Over Time

* **Season 1 (2011)**:  
  The premiere attracted approximately **4.64** million viewers.
* **Season 2 (2012)**:  
  The premiere had about **3.47** million viewers.
* **Season 3 (2013)**:  
  The premiere had about**2.93** million viewers.
* **Season 4 (2014-2015):**  
  The premiere had about **2.50** million viewers.
* **Season 5 (2015–2016)**:  
  The premiere had about **2.13** million viewers.
* **Season 6 (2016–2017)**:  
  The premiere had about **1.85** million viewers.
* **Season 7 (2017-2018):**  
  The premiere had about **1.40** million viewers.
* **Season 8 (2018-2019):**  
  The premiere had about **1.27** million viewers.
* **Season 9 (2019-2020)**:  
  The premiere had about **1.04** million viewers.

Source: <https://en.wikipedia.org/wiki/Suits_(American_TV_series)>

Overall, *Suits* started strong in its early seasons but saw a gradual decline in ratings over time.  
However, it achieved incredible success on streaming platforms later, becoming one of the most-watched series in 2023, with nearly 57.7 billion minutes streamed. (Source: [facebook.com](https://www.facebook.com/TheBoardroom/posts/originally-airing-from-2011-to-2019-suits-built-a-loyal-fanbase-during-its-nine-/1133161235490015/?utm_source=chatgpt.com))

```{r}  
#| fig-subcap:   
#| - "Suits Viewership Over seasons"  
#| - "Suits change rate of Viewership Over seasons"  
#| layout-ncol: 2  
#| fig-align: center  
  
library(ggplot2)  
season = 1:9  
viewers = c(4.64,3.47,2.93,2.50,2.13,1.85,1.40,1.27,1.04)  
data <- data.frame(season, viewers)  
  
change\_rate <- diff(viewers) / viewers[-length(viewers)] \* 100  
data\_change <- data.frame(  
 season = season[-1],   
 change\_rate = change\_rate  
)  
  
ggplot(data, aes(x = season, y = viewers)) +  
 geom\_line() +  
 geom\_point() +  
 xlab("Season") +  
 ylab("Viewers (Millions)")+  
 theme\_minimal()  
  
ggplot(data\_change, aes(x = season, y = change\_rate)) +  
 geom\_line() +  
 geom\_point() +  
 geom\_hline(yintercept = 0, linetype = "dashed", color = "gray") +  
 xlab("Season")+  
 ylab("Change Rate (%)")+  
 theme\_minimal()  
```

|  |  |
| --- | --- |
| Suits Viewership Over seasons  Suits Viewership Over seasons | Suits change rate of Viewership Over seasons  Suits change rate of Viewership Over seasons |

## Viewership over seasons

season 1: 4.64 million

season 2: 3.47 million

season 3: 2.93 million

season 4: 2.50 million

season 5: 2.13 million

season 6: 1.85 million

… …

## Viewership change rate

season 2: -25.21%

season 3: -15.56%

season 4: -14.67%

season 5: -14.8%

… …

```{r}  
#| results: asis  
  
season <- 1:9  
viewers <- c(4.64, 3.47, 2.93, 2.50, 2.13, 1.85, 1.40, 1.27, 1.04)  
  
viewer\_diff <- diff(viewers)  
  
desc1 <- paste0(  
 "Between Season 1 and Season 3, the viewership dropped from ",   
 viewers[1], " million to ", viewers[3], " million, a decrease of approximately ",   
 round(viewers[1] - viewers[3], 2), " million viewers."  
)  
  
desc2 <- paste0(  
 "From Season 3 to Season 5, the viewership declined from ",   
 viewers[3], " million to ", viewers[5], " million, a loss of around ",   
 round(viewers[3] - viewers[5], 2), " million viewers."  
)  
  
desc3 <- paste0(  
 "The sharpest decline occurred between Season 6 and Season 7, with a drop from ",   
 viewers[6], " million to ", viewers[7], " million, about ",   
 round(viewers[6] - viewers[7], 2), " million viewers."  
)  
  
desc4 <- paste0(  
 "Overall, from Season 1 to Season 9, the viewership decreased by about ",   
 round(viewers[1] - viewers[9], 2), " million viewers."  
)  
  
cat(desc1)  
```

Between Season 1 and Season 3, the viewership dropped from 4.64 million to 2.93 million, a decrease of approximately 1.71 million viewers.

```{r}  
#| results: asis  
  
cat(desc2)  
```

From Season 3 to Season 5, the viewership declined from 2.93 million to 2.13 million, a loss of around 0.8 million viewers.

```{r}  
#| results: asis  
  
cat(desc3)  
```

The sharpest decline occurred between Season 6 and Season 7, with a drop from 1.85 million to 1.4 million, about 0.45 million viewers.

```{r}  
#| results: asis  
  
cat(desc4)  
```

Overall, from Season 1 to Season 9, the viewership decreased by about 3.6 million viewers.