MIT – DS – Batch 3 – Case Study

Data Description

**Data Description:**

Series created by: [Mike Judge](https://en.wikipedia.org/wiki/Mike_Judge), [John Altschuler](https://en.wikipedia.org/wiki/John_Altschuler), and [Dave Krinsky](https://en.wikipedia.org/wiki/Dave_Krinsky)  
Number of seasons: 6  
Number of episodes: 53  
Original air dates: April 6, 2014 – December 8, 2019

### **Content**

Data was acquired through downloading IMDb TV episodes datasets and scraping information from [Wikipedia](https://en.wikipedia.org/wiki/List_of_Silicon_Valley_episodes).

### **Acknowledgements**

Thanks to IMDb, Wikipedia, and community curators.

### **Use**

It should be easy to join these data files together on Title and Air Date fields to compare (for example) US viewers and IMDb ratings.

**Column Descriptions:**

|  |  |  |
| --- | --- | --- |
| **No.** | **Column name** | **Description/Comments** |
| 1 | Season | Season |
| 2 | episode\_num\_in\_season | Episode number in season |
| 3 | episode\_num\_overall | Episode number in series |
| 4 | Title | Title of the episode |
| 5 | directed\_by | Director |
| 6 | original\_air\_date | Original air date |
| 7 | us\_viewers | US viewers on original air date |

**Task:**

Use Silicon\_Valley\_episodes Dataset

1. Your Data needs preprocessing (Use python)
2. Although the number of episodes is not so big, but one director is enjoying with highest number of US viewers. All other directors wanted to know what is going right for him, so they decided to create a Dash**board** to see all his partners and their contribution. Now you are given with the task to find out the important parameters and put these on a Dashboard Using Tableau.
3. After that they got another question, whether it’s the Director or The Writer attracting the viewers?

**Instructions:**

1. All the questions are mandatory.
2. Since you will be working with multiple tools, you need to zip all the files together and upload in the given space.
3. For Tableau, Publish the answers in Tableau public, save the shareable link in a document and put in a folder for zipping purposes.
4. For Python, save the file as html format and put it in the same folder as above.