**PROJECT : WHAT ARE WE WATCHING TONIGHT?**

**-Project Team:**

Christian Albertini

Le Nguyen

Megan Pond

Richard Roop

**-Project Description:**

Data from Streaming Services to identify trends

**-Research Questions to Answer:**

* (Christian) - Which is the best service for families?
  + Netflix, Hulu, Peacock, Amazon Prime, Disney +, HBO Max, Paramount +, and Apple
* (Le) - Which service has the most highly rated shows?
* (Megan) - Which service has the most new shows?
  + Year = 2023
* ~~Which year(s) had the most shows released?~~
* (Richard) - Which year(s) had the most highly rated shows?

**- Datasets to be used:**

* API: <https://api.watchmode.com/>
* Back up:
  + csv: <https://www.kaggle.com/datasets/ruchi798/tv-shows-on-netflix-prime-video-hulu-and-disney/data?select=tv_shows.csv>
  + API: <https://www.movieofthenight.com/about/api>

**Rough Breakdown of Tasks:**

* Pull data from API
* Clean data
* Build DataFrames to answer questions
* Analyze data-
  + Summary statistics (i.e., IMDB means)
  + Plots (i.e., pie charts; bar charts; etc.)
* Create Powerpoint
* Summarize findings
* Present to class

**Draft Schedule:**

|  |  |  |
| --- | --- | --- |
| **Week** | **Day** | **Task(s)** |
| 06-May-2024 | Wednesday | Begin coding |
| Thursday | Finish coding |
| 13-May-2024 | Monday | Plotting and visualizations |
| Wednesday | Generate findings  Draft slides |
| Thursday | Present |