**Project Proposal:**

**Project team:**

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**The kind of data you'd like to work with/field you're interested in (e.g., geodata, weather data, etc.):**

* It will be Netflix data for year 2019

**The kinds of questions you'll be asking of that data**

* Understanding what content is available in different countries
  + Based on genre
* Network analysis of Actors / Directors and find interesting insights
  + Pair of actors/directors appears together in most movies
* Is Netflix has increasingly focusing on TV rather than movies in recent years.
  + Number of TV vs Movies per year
* Graph of the countries that contribute producing movies for NetFlix
  + Heat graph for number of movies
* Using API to enrich the movies data getting more information about the movie such as Reviews, Rating, top rated, the budget for the Movie and the total money that the movie has generated
  + Top rated movies
    - Rating vs revenue
    - Genre vs revenue
* Revenue based on different countries
  + Country vs revenue
* Revenue vs budget
* Revenue per season
* Ratio of genres
* Top 20 titles with highest revenue.
* Relation between award wining and revenue

**Possible source for such data:**

* -https://www.kaggle.com/shivamb/netflix-shows?select=netflix\_titles.csv
* -Public movie APIs:
* OMDB - OMDb to obtain information and metadata about movies.
* TMDb - TMDb for movie discovery.
* Trakt - Trakt to get more information about what tv shows and movies everyone is watching.
* TVmaze - TV search the web series database. Episode guide, cast, crew and character information. Recaps, reviews, episode trailers, celebrity photos and more.
* Wikipedia – Query the free multilingual Encyclopedia to get more information about the movies as needed for the analysis.