**PROJECT PROPOSAL**

**OVERVIEW:**

The project will be on predicting Netflix Movies and TV Shows rating using machine learning. In order to help understand the variety presented by the company to shape their catalog of movies and TV shows by learning characteristics which make content successful. The project is using TV Shows and Movies listed on the Netflix dataset from Kaggle.

#### QUESTION:

#### What is the most content type on Netflix movies or TV shows?

#### To what extend is the variety of **Content by Rating?**

#### What is the highest amount of content produced by country?

#### What is the most popular director on Netflix with the most titles?

#### DATA DESCRIPTION:

Initially, the dataset contains **12** columns for exploratory analysis with **8807** records.

**FEATURES:**

* show\_id: unique id of each show
* type: The category of a show, can be either a Movie or a TV Show
* title: Name of the show
* director: Name of the director(s) of the show
* cast: Name of actors and other cast of the show
* country: Name of countries the show is available to watch on Netflix
* date\_added: Date when the show was added on Netflix
* release\_year: Release year of the show
* rating: Show rating on netflix
* duration: Time duration of the show
* listed\_in: Genre of the show
* description: Some text describing the show

#### TOOLS:

Numpy , Pandas, Matplotlib, Seaborn, EDA

**MVP Goal:**

The minimum viable product will be focusing on visualization.