

- **Problem statement:**

Perform Natural Language Processing NLP on Movies dataset and analyze the data using Unsupervised learning models.

- **Data Description:**

This dataset is contained of 4803 movie and 24 feature. In this project we will perform NLP in movies dataset and analyze the data to build a recommendation system by using Unsupervised learning models.

**Data type:**

**Some of main features:**

- **Title:** the movie name
  - **Genres:** the movie type
  - **Keywords:** movie main description
  - **Tagline:** movie summary
  - **Cast:** actors in movie
  - **Director:** movie director
- **Data size:**
    - **No. of rows:** 4803
    - **No. of columns:** 24
  - **Tools:**
    - Programs: Python Jupyter Notebook
    - Algorithms: Sklearn, pandas, numpy
    - Plots: bar plot, cat plot, pie chart
  - **MVP Goal:**

The goal of this project is to perform NLP in Movies dataset to build a recommendation system by using Unsupervised learning models.