

UE19CS332-Algorithms of the Intelligent Web and Information Retrieval

Project Title: **Spotify Recommendation System**

Synopsis: We are creating a Spotify recommendation system using the Spotify Dataset. To do this, we are presenting some of the visualization processes to understand data and will do some EDA (Exploratory Data Analysis) so we can select features that are relevant to create a Recommendation System.

General Recommendation System Pipeline



Functionality:

The steps include the following:

1. Import Libraries
2. Read Data
3. Data Understanding by Visualization and EDA
4. Build Recommender System

Software Requirements: Python3 Jupiter Notebook, Numpy, Seaborn, Pandas, Data Visualization, Exploratory Data Analysis, Plotly

About the dataset:

- Dataset Used: <https://www.kaggle.com/code/vatsalmavani/music-recommendation-system-using-spotify-dataset/data>
- Has the Spotify dataset including different artists, genres and year.

Expected Output: Output displays the song recommendations for the given input.

Team Details:

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