BLUEPRINT Date: 17 Oct 2021

**Predict Song Skips on Spotify based on Sequential User and Acoustic Data**

The Blueprint structure pattern:

Data - Dataset – .csv file

- Collect the raw data from GitHub

Data Processing - Data Cleaning – Handling missing values

- Data pre-processing

EDA - Visualizing data for better understanding

* Feature Selection - Using Heatmap -> increasing L1 regularization

Training Model - Using NLP techniques

* Training data and Test data

Test Model & Evaluation - GBT, LSTM, Bi-LSTM

Model Prediction - Predict the song skip or not using NLP

- Accuracy Score (Overfitting)

Model Deployment - Deploy Model