

# STAT 471 Final Project

Determining What Makes a Song Hot or Not

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# 1 Executive Summary

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## 2 Background & Motivation

### 2.1 Goal of Study

## 3 Data Overview

## 4 Exploratory Data Analysis (EDA)

## 5 Analysis

### 5.1 Ordinary Least Square

### 5.2 Classification

#### 5.2.1 LASSO

#### 5.2.2 Random Forest

## 6 Text Mining