**Final Project Rubric**

**Presentation (30 points)**

**Content**

The team members have drafted their project, including the following:

**## Project Content**

* Selected topic – Popular music
* Reason they selected the topic – This topic had a wide variety of data and we find music interesting
* Description of the source of data – Excel-based spreadsheet data with music broken down by song
* Questions they hope to answer with the data
  + - What do the most popular songs have in common?
    - How do these popularity characteristics change over time?

**IMPORTANT**

The content does not yet need to be in the form of a presentation. It can be text in the README.md.

**GitHub Repository (10 points)**

**Main Branch**

The main branch should include:

* README.md

**README.md**

The README.md should include:

* Description of the communication protocols
  + We agreed to meet in class and on zoom sessions

**Individual Branches**

Requirements for the individual branches follow:

* At least one branch for each team member
* Each team member has at least four commits for the duration of the first segment

**Machine Learning Model (35 points)**

Team members will be expected to present a provisional machine learning model that stands in for the final machine learning model and accomplishes the following:

* Takes in data from the provisional database

Outputs label for input data

**Database Integration (25 points)**

Team members will be expected to present a provisional database that stands in for the final database and accomplishes the following:

* Sample data that mimics the expected final database structure or schema
* Draft machine learning model is connected to the provisional database

**Dashboard (0 points)**

There are no deliverables associated with the dashboard for this segment.