**PROJECT SPECIFICATION**

**Music SQL Database**

**SQL Queries**

| CRITERIA | MEETS SPECIFICATIONS |
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| The student can write error-free SQL queries. | All SQL queries run without errors and produce the intended results. |
| The student can use joins correctly in SQL queries. | Each SQL query needs to include one or more explicit join. The JOIN or JOINs should be necessary to the query. If a question does not require a JOIN please change the question to be one that does.  Example: SELECT \* FROM Album JOIN Track on Track.AlbumID = Album.AlbumID |
| The student can use aggregations correctly in SQL queries. | Each SQL query needs to include one or more aggregation. This could be a **COUNT**, **AVG**, **SUM**, or other aggregation. |
| Student can answer multiple questions by using SQL | The student has used at least 4 unique SQL queries in their submission. |

**Presentation**

| CRITERIA | MEETS SPECIFICATIONS |
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| The student’s slides are organized well and are easy to read and understand. | Each slide should have an appropriate title and the visualization descriptions should be free of significant factual, spelling and grammar mistakes. |
| The student can create data visualizations that provide useful information. | All visualizations should make logical sense and provide accurate information about the indicated area. |
| The student can format data visualizations clearly and make good use of labeling. | All visualizations include a title and axis labels, have a legend where applicable, and are easily understood.  Every visualization should have:   * chart title * x axis title * x axis labels * y axis title * y axis labels |

**Submission Phase**

| CRITERIA | MEETS SPECIFICATIONS |
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| The student has uploaded all files necessary for review. | A PDF report has been uploaded and a .txt file with the queries has been uploaded in a single zipped folder file |

### Suggestions to Make Your Project Stand Out!

To make you project standout, consider the following:

* Look for interesting patterns and insights in the data rather than simply providing summary statistics.
* Use other advanced SQL functions, such as the **case** function.
* Make good use of color, size, and shape in your visualizations.
* Use the slide title and/or chart description on each slide to state the key insight of the visualization.