**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 8 July 2024 |
| Team ID | 739724 |
| Project Title | Rhythmic Revenue: Unveiling The Future Of Music Sales With Machine Learning |
| Maximum Marks | 5 Marks |

**Feature Selection Report Template**

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Index | The unique identifer for each record | Yes | Used as the primary key to uniquely identify records |
| Format | The format of the data(e.g,text,numeric) | No | Typically not needed for linear regression modeling |
| Number of records | Total number of records in dataset | No | Meta-information about the dataset, not useful for modeling individual dta points |
| Year | The year the data was recorded | Yes | Can be a significant predictor in time series or trend analysis |
| Value(Actual) | The actual value being measured or predicted | Yes | Target variable for prediction in linear regression |