**Model Development Phase Template**

|  |  |
| --- | --- |
| Date | 06 June 2024 |
| Team ID | SWTID1720451040 |
| Project Title | Ecommerce Shipping Prediction Using Machine Learning |
| Maximum Marks | 5 Marks |

**Feature Selection Report Template**

A brief description of each feature will be included in the upcoming version. Users will state if it is chosen or not, along with an explanation of their choice. This procedure will improve transparency in feature selection and expedite decision-making.

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature** | **Description** | **Selected (Yes/No)** | **Reasoning** |
| Feature 1 | Order Origin | Yes | The order's zip code may have an impact on delivery time depending on factors like distance from fulfillment centers. |
| Feature 2 | Destination Zip Code | Yes/No | To determine the shipping distance and the estimated time of arrival, the destination zip code is crucial. |
| Feature 3 | Product Weight | Yes | Higher weight products may require the use of different carriers or shipping methods, which could result in delivery delays. |