**Data Collection and Preprocessing Phase**

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| Date | 07 JUNE 2024 |
| Team ID | SWTID1720260935 |
| Project Title | Ecommerce Shipping Prediction  Using Machine Learning |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification Template:**

Predict e-commerce shipping times with Machine Learning! We'll collect data on orders,

inventory, & carriers, plus weather & holidays. Secure storage & regular updates ensure

accurate predictions for on-time deliveries.

**Data Collection Plan Template:**

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| --- | --- |
| **Section** | **Description** |
| Project Overview | The goal of this project is to create a predictive model that will enable precise shipping time estimations for online orders. Through the use of machine learning algorithms, real-time data, and historical data, the model will increase the effectiveness of logistics while offering clients accurate delivery estimates. |
| Data Collection Plan | KAGGLE |
| Raw Data Sources Identified | We used order data (products, locations, times) from Kaggle to predict on-time deliveries and estimate times. |

**Raw Data Sources Template:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Dataset 1 | Description of the data in this source. | <https://www.kaggle.com/datasets/prachi13/customer-analytics?select=Train.csv> | CSV | 440KB | Public |