

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	SWTID1720452383
Project Title	Ecommerce shipping prediction
Maximum Marks	2 Marks

Data Quality Report Template

This report outlines the data quality issues identified within the ecommerce shipping production data source. It categorizes these issues by severity levels and proposes resolution plans to ensure accurate and reliable data for decision-making and operational purposes.

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Some shipping records are missing essential fields such as delivery status, tracking numbers, or recipient details.	High	Implement checks at data entry points to ensure all mandatory fields are filled. Develop automated scripts to flag and notify discrepancies.
Dataset	Shipping dates are inconsistently recorded, affecting order fulfillment and delivery time analytics.	Medium	Standardize date formats and implement validation checks during data import. Conduct regular audits to identify and correct discrepancies.

Dataset	Occasional instances where multiple shipments share the same tracking number, leading to confusion in tracking and reporting.	low	Enhance tracking number generation logic to ensure uniqueness. Implement de-duplication processes in data processing pipelines.
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