

Data Collection and Preprocessing Phase

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| Date | 10 June 2024 |
| Team ID | 739643 |
| Project Title | Online Payment Fraud Detection |
| Maximum Marks | 2 Marks |

Data Collection Plan & Raw Data Sources Identification Report:

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan:

| Section | Description |
|----------------------|--|
| Project Overview | Develop a machine learning-based system to detect fraudulent transactions in online payments, reducing financial losses and enhancing security for customers and merchants. |
| Data Collection Plan | <ul style="list-style-type: none"> 1. Transaction Data: Collect from payment gateways, merchant platforms, and databases. 2. User Information: Collect from user profiles, registration data, and authentication systems. 3. Payment Method Data: Collect from payment processors, banks, and credit card companies. 4. Device and Browser Data: Collect from device fingerprinting, browser headers, and IP geolocation. 5. Historical Data: Collect from archived transaction data, fraud reports, and analytics platforms. |

Raw Data Sources Report:

| Source Name | Description | Location/URL | Format | Size | Access Permissions |
|----------------|--|---|--------|-------|--------------------|
| Kaggle Dataset | To explore, analyze, and understand fraudulent activities in the field of finance. | https://drive.google.com/file/d/1N0T5WP1ZjigxPkQdWfgucLyjKtJSGqda/view?usp=sharing | CSV | 15 kB | Public |