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| **Section** | **Description** |
| Project Overview | This project aims to develop a system for detecting fraudulent credit card transactions using machine learning algorithms.    **This project offers a practical approach to building a credit card fraud detection system with potential real-world applications.** |
| Data Collection Plan | In this project we have used  PS\_20174392719\_1491204439457\_logs.csv data. This data is downloaded from kaggle.com. Please refer to the link given below to download the dataset. |
| Raw Data Sources  Identified | There are many popular open sources for collecting the data.  Eg: kaggle.com, UCI repository, etc. |

**Data Collection and Preprocessing Phase**

Data Collection Plan & Raw Data Sources Identification Template

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.

# Raw Data Sources Template

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source**  **Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Dataset 1 | Raw Data of (Type,Amount,Nam eOrig,Old& New  BalanceOrg) | [Online Payments](https://www.kaggle.com/datasets/rupakroy/online-payments-fraud-detection-dataset)  [Fraud Detection](https://www.kaggle.com/datasets/rupakroy/online-payments-fraud-detection-dataset)  [Dataset](https://www.kaggle.com/datasets/rupakroy/online-payments-fraud-detection-dataset)  [(kaggle.com)](https://www.kaggle.com/datasets/rupakroy/online-payments-fraud-detection-dataset) | CSV | 186  MB | Public |