**Data Collection and Preprocessing Phase**

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| --- | --- |
| Date | 15 March 2024 |
| Team ID |  |
| Project Title | Air Quality Index Analyzer using machine learning |
| Maximum Marks | 2 Marks |

**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.

**Data Collection Plan Template**

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| --- | --- |
| **Section** | **Description** |
| Project Overview | This project aims to predict the success of Air Quality Index Analyzer first stage landings. The objectives include collecting data on previous launches, analyzing factors influencing landing success, and building a predictive model. |
| Data Collection Plan | Data will be collected from Kaggle datasets, and public records of launch events. |
| Raw Data Sources Identified | The raw data sources include AQI for real-time data, Kaggle for historical launch data, and publicly available datasets on launch statistics. |

**Raw Data Sources Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Kaggle Dataset | Historical data on Air Quality Data in India Air Quality Index (AQI) and hourly data across stations and cities in India | https://www.kaggle.com/datasets/rohanrao/air-quality-data-in-india | CSV | |  | | --- | |  |   76MB | Public |