**Data Collection and Preprocessing Phase**

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| Date | 10 July 2024 |
| Team ID | 739895 |
| Project Title | Rising Waters: Machine Learning Approach To Flood Prediction |
| 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 floods in early stages and provide better preparation and response strategies. By using Machine Learning, we can predict floods. |
| Data Collection Plan | Search for data in different sources like kaggle.com, data.gov, UCI machine learning repository, NOAA, etc. |
| Raw Data Sources Identified | Search for data in different sources like kaggle.com, data.gov, UCI machine learning repository, NOAA, etc. |

**Raw Data Sources Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Dataset | Contains various features related to flood prediction such as rainfall, water levels, soil moisture, and other relevant data. | https://www.kaggle.com/arbethi/rainfall-dataset?select=flood+dataset.xlsx | CSV | 48Kb | Public |