**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 14 July 2024 |
| Team ID | 739755 |
| Project Title | Blood Donation 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**

|  |  |
| --- | --- |
| **Section** | **Description** |
| Project Overview | The Blood Donation Prediction project aims to develop a predictive model to determine whether an individual is likely to donate blood in the future. By analyzing historical donation data and other relevant factors, the model can help blood banks and donation centers manage their resources efficiently, schedule donation drives, and maintain a steady supply of blood. |
| Data Collection Plan | search for datasets related to blood donation,Identify Data Sources, blood group and applicant details.  Collection of Historical Donation data, Demographic Data, Health Data, Behavioural Data. |
| Raw Data Sources Identified | The raw data sources for this project are included datasets are obtained from Kaggle and GitHub repositories. |

**Raw Data Sources Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Kaggle Dataset | The dataset include the features Recency,  Frequency, Monetary, Time | <https://www.kaggle.com/code/alperkaraca1/blood-donor-prediction/input> | CSV | 8.54 MB | Public |
| GitHub  repository | Collected the flask part code from repository. | https://github.com/smartinternz02/SI-GuidedProject-579989-1694076075 | CSV | 4 kB | Public |