

## Data Collection and Preprocessing Phase

Date	08 july 2024
Team ID	SWTID1720193784
Project Title	Early Prediction Of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

### Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Missing values in ' <b>Red Blood Cells</b> ' feature.	High	Impute missing values using mode (most frequent value) since it's a categorical feature.
Dataset	Outliers in ' <b>Blood Pressure</b> ' feature.	Moderate	Cap outliers at the 1st and 99th percentiles to reduce their impact.
Dataset	Inconsistent data in ' <b>Age</b> ' feature.	Low	Validate age values to ensure they fall within a realistic range (e.g., 0-120 years) and correct any discrepancies.

Dataset	Incorrect data type for ' <b>Serum Creatinine</b> ' feature.	Moderate	Convert ' <b>Serum Creatinine</b> ' to a numerical data type to facilitate proper analysis.
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