

Model Development Phase Template

Date	15 MARCH 2024
Team ID	LTVIP2024TMID25011
Project Title	Early Prediction Of Chronic Kidney Disease Using Machine Learning
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Age	Patient's age in years	Yes	Age is a significant risk factor for chronic kidney disease.
BP	Blood pressure (mm Hg)	Yes	High blood pressure is a known risk factor for chronic kidney disease.
SG	Specific gravity of urine	Yes	Indicates kidney's ability to concentrate urine; important for diagnosis.
AL	Albumin levels in urine	Yes	High albumin levels in urine can be a sign of kidney disease.
SU	Sugar levels in urine	Yes	High sugar levels can be associated with diabetes, a risk factor.

RBC	Presence of red blood cells in urine	Yes	Can indicate kidney damage.
PC	Pus cells in urine	Yes	Indicates infection or inflammation in the urinary tract.
PCC	Pus cell clumps in urine	Yes	Indicates infection or inflammation in the urinary tract.
BA	Bacteria in urine	No	Bacteria presence alone is not a strong predictor in this context.
BGR	Blood glucose random	Yes	High glucose levels can indicate diabetes, a risk factor.