1 Define your problem statement

EARLY PREDICTION OF CHRONIC KIDNEY DISEASE DETECTION

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problems

- Chronic kidney disease(CKD) is increasingly recognised as global public health problem.There is now convincing evidence that CKD can be detected using simple laboratory tests and that treatment can prevent or delay complications of decreased kidney function,slow the progression of kidney disease

- early and accurate detection of the stages of CKD is believed to be vital to minimize impact of patients health complication

2 Brainstorm

ideas for early prediction for chronic kidney disease detection

Person 1

- predict using random forest algorithm
- predict using support vector machines
- probabilistic neural networks to predict kidney stages

Person 2

- predict models using decision tree
- analysis of variance using cross validation

Person 3

- recursive feature eliminationusing cross validation
- they used pearson correlation,aova and cramer's v test to select predictive features
- tested using k-nearest neighbor algorithm

person 4

- tested using artificial neural networks
- Radial basis function to predict kidney disease stages

3 Group ideas

- predict using random forest algorithm
- predict using support vector machines
- probabilistic neural networks to predict kidney stages
- predict models using decision tree algorithm
- analysis of variance using cross validation
- recursive feature elimination using cross validation
- they used pearson correlation,aova and cramer's v test to select predictive features
- radial basis function to predict kidney disease stages
- tested using artificial neural networks
- tested using k-nearest neighbor algorithm

4 Prioritize