Research Questions to Answer:

Primary:
What is the effect of life-styles such as diet and exercises on the survival of patients with chronic kidney disease?

Secondary:

Analyze: what is causing/leading to kidney diseases such as CKD, and Renal Failure

- Try to understand from diagnosis results
- Try to understand from lifestyle data

Analyze and find out what treatment options provided the best outcome

- Lifestyle such as diet, and exercises to prevent, and to slow progress
- Effect of drugs - how drugs help and to what extent? how lifestyle and drug can work together
- Do preventing, and treating hypertension and diabetes can prevent kidney disease, and slow the progress

Optionally develop a complex adaptive system to analyze the cause, prevention, treatment, and progress of kidney and renal diseases

Related Datasets

I might have to utilize multiple related datasets

Related Datasets

- Patient Characteristics i.e diagnostic results for Kidney/CKD/Renal patients
  https://www.usrds.org/2018/ref/ESRD_Ref_C_PatientChars_2018.xlsx
  From: https://www.usrds.org/reference.aspx
- Chronic KIdney Disease dataset
  https://www.kaggle.com/mansoordaku/ckdisease
  Data has 25 features which may predict a patient with chronic kidney disease
- Chronic_Kidney_Disease Data Set
  https://archive.ics.uci.edu/ml/datasets/chronic_kidney_disease
  Abstract: This dataset can be used to predict chronic kidney disease and it can be collected from the hospital nearly 2 months of period.

Partially Related Datasets

- Heart Disease dataset. Might check if this can be used in relation to other datasets
  https://archive.ics.uci.edu/ml/datasets/Heart+Disease
- Diabetes Dataset: Might check if this can be used in relation to other datasets
  https://archive.ics.uci.edu/ml/datasets/Diabetes

Remotely Related Datasets

- Dialysis Facility Compare
  https://catalog.data.gov/dataset/dialysis-facility-compare-aa0fa

- Disease Indicators
  https://data.world/datasets/chronic-kidney-disease