Problem statement

2. Chloe is hypochondriac. She has an intense fear of having a serious condition and worries that minor symptoms will indicate something serious. Her parents are really worried about her and decided to consult Dr. Will for the same. Dr. Will is a psychiatrist. Help Dr. Will to diagnose Chloe. Dr. Will needs to first determine if Chloe is really suffering from any heart and cardiovascular disease as she complains. Further the doctor needs to check if the patient is diabetic. Help Dr. Will to perform these three diagnoses so that we can help him save Chloe.

***Heart disease diagnosis*:**

Age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	Old peak	ca	slope	thal	Outcome
25	Female	1	110	162	0	0	150	1	0.8	0	1	1	?

Dataset: https://www.kaggle.com/ronitf/heart-disease-uci?select=heart.csv

***Cardiovascular Disease diagnosis*:**

Age	sex	Height (cm)	Weight (kg)	ap_hi	ap_lo	Cholesterol	Glucose	smoke	Alco	Active	Outcome
25	Female	158	59	130	70	1	89	1	0	0	?

Dataset: https://www.kaggle.com/sulianova/cardiovascular-disease-dataset

Diabetiese diagnosis:

Pregnancies	Glucose	Blood Pressure	SkinThickness	Insulin	BMI	Diabetes Pedigree Function	Age	Outcome
0	89	72	23	88	26.7	0.53	25	?

Dataset : https://www.kaggle.com/uciml/pima-indians-diabetes-database

NOTE: Make sure that you do exploratory data analysis(EDA) on each datasets and plot relational graphs using matplotlib and seaborn. You may use Sklearn and Keras or your implementations. Implement at least 4-5 algorithms of your choice for each dataset and perform comparative analysis of the training procedures of each.

Deadline: 05/08/2021

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Best of luck!