Wadaah processes

WDAH

Process 1: Corona in or Out.

Process 2: Diabetes disease Prediction.

Process 3: Heart diseases Prediction.

Process 4: Kidney disease Prediction.

Process 5: Surgical operation qualifications.

Process 6: Covid-19 prediction disease.

Corona in or Out:

Description:

The goal of this process is to decide whether the patient that was classified with corona virus can get out from the hospital or not depending on 4 factors.

(White blood cell – Erythrocyte sedimentation rate – C reactive protein - Procalcitonin)

Diabetes disease Prediction:

Description:

The goal of this process is to make a prediction of diabetes problems with just four common results depending on 3 factors associated with blood analysis after eating and fasting.

Heart diseases Prediction:

Description:

In this process we are using machine learning model with high accuracy saved and pickled to predict heart problems depending on 13 factors in the data set (age – gender – cp – trestbps – chol – fbs – restecg – thalach – exang – oldpeak – slope – ca – thal)

Kidney disease Prediction:

Description:

The goal of this process is to detect kidney problems depending on 7 factors some of them are chemical elements (Creatinine - Creatinine Clearance -Na - K - Cl - Blood Urine Nitrogen - Urea)

Surgical operation qualifications:

Description:

This process determines whether the patient can be in a surgical operation now or not depend on 6 factors that must be in a specific ranges and detect the reasons of the inability among the factors (Hemoglobin - White blood - platelets - liver - kidney - fluidity)

Covid-19 prediction disease:

Description:

This process uses deep learning to detect corona virus depending on images for chest x-ray like this sample: