

Diabetes Mellitus Prediction Using IBM Auto AI

Project Description:

Diabetes mellitus is a chronic disease characterized by hyper glycemia. It may cause many complications. According to the growing morbidity in recent years, in 2040, the world's diabetic patients will reach 642 million, which means that one of the ten adults in the future is suffering from diabetes.

In this project, a machine learning model is built that can efficiently discover the rules to predict diabetes mellitus of patients based on the given parameter about their health. The model is deployed in the IBM cloud to get scoring endpoint which can be used as API in web app building. The model prediction is showcased on User Interface. The UI can be developed using NODE-RED service. The prediction results can be obtained by giving the input values in the user interface.

Services Used:

1. IBM Watson Studio
2. IBM Watson Machine Learning
3. Node-RED
4. IBM Cloud Object Storage

Architecture:

