Assignment

Given a dataset of diabetes patients, build a machine-learning model that can predict whether a new patient is likely to have diabetes. The model should be able to take as input the patient's age, Insulin,blood pressure, and blood sugar levels, and output a prediction of whether the patient is likely to have diabetes.

Tasks

- Understand the problem: The problem is to build a model that can predict whether a new patient is likely to have diabetes.
- Gather and prepare the data: Gather the data attached to the mail, and use it to train the model. The data is a dataset of diabetes patients. Prepare the data by cleaning it and removing any errors.
- Build the model: Build the machine learning model also, you need to choose the right algorithm for the model and train the model on the data.
- Evaluate the model: Evaluate the model to see how well it performs. Also, you can use a confusion matrix to evaluate the model.

The Dataset is attached along with the Mail.