Diabetes model deployment

Aim

Diabetes model deployment using Microsoft Azure ML to predict if an individual is diabetic or not. The model was developed using the Two-class logistic regression model

Data Source

The dataset is from Kaggle.

Tools

Model name= Diabetes\_model.

Model Type= Two-Class Logistic Regression

Platform=Microsoft Azure Machine learning Jupiter notebook.

Deployment steps

Step 1

* Installing the necessary libraries
* Import libraries

Step 2

Connecting to the workspace.

Step 3

* Importing the dataset
* Exploring the data
* Splitting the dataset into test and train

Step 4

* Setting up the AutoML experiment.
* Setting up the AutoML configuration
* Creating the experiment
* running the experiment
* Outputting the experiment
* Storing the experiment
* Creating a model using the stored experiment

Step 5

* Setting up an Azure Machine Learning environment to deploy the model
* Downloading the scoring file
* Deploying the model