TEAM NUMBER:- 1
TEAM NAME:- BINARY BRAINS
PROBLEM STATEMENT:- 1

Technology stack used:-

We have used python programming language and incorporated pandas,sklearn and tkinter libraries.

Inputs Taken From User:-

The Data considered in the regression analysis is taken from the user with a GUI interface, the following data was collected:

1.pregnancy

2.Glucose

3.Blood Pressure

4.skin Thickness

5.Insulin

6.BMI

7.Age

Real world application of your work:-

It will detect if the person is suffering from Diabetes or not.

Explanation of model development:-

Model deployment is the process of putting machine learning models into production. This makes the model's predictions available to users, developers or systems, so they can make business decisions based on data, interact with their application (like recognize a face in an image) and so on.Model deployment is considered to be a challenging stage for data scientists. This is because it is often not considered their core responsibility, and due to the technological and mindset differences between model development and training and the organizational tech stack, like versioning, testing and scaling which make deployment difficult. These organizational and technological silos can be overcome with the right model deployment frameworks, tools and processes.

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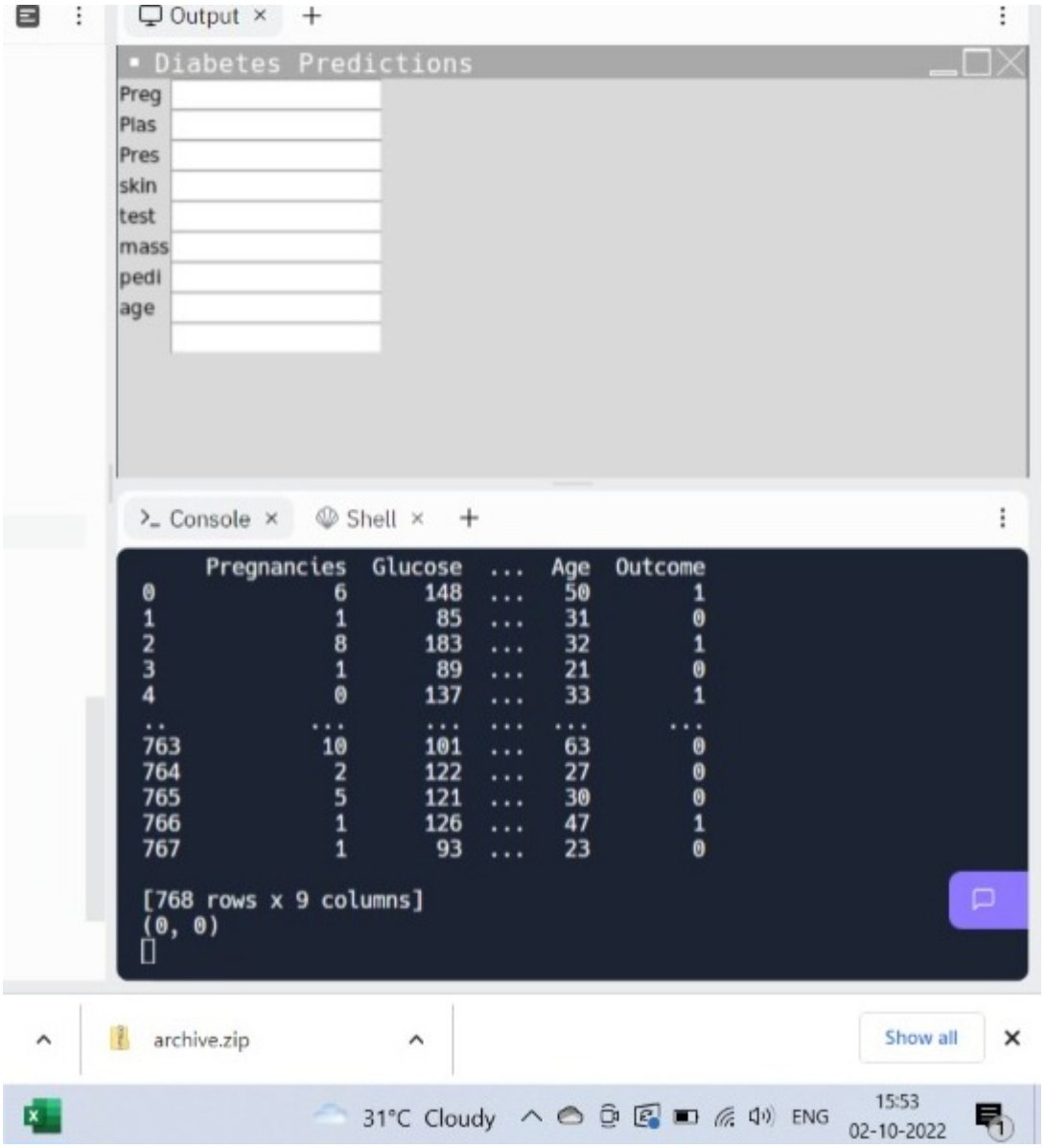
Snippets of working web:-



Elaborate your web app development if done:-

We have developed the web application to quite an extent but did not receive complete output due to absence of sklearn libraries in the online compiler that we used. If sklearn library would have been supportive in the particular compiler then the web application would have worked. The above output is obtained by discarding the sklearn library functions, therefore the partial output.

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Google colab link:-

https://colab.research.google.com/drive/17ZBrES1tZfbEJ6n7oYNygLC8gEGDKUY6?usp=sharing