**Week 4: Deployment on Flask**

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**Batch code**: LISUM01

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**Submitted to**: Data Glacier Teachers

Steps of Deployment:

1. Linear Regression Model Building for the Life Expectancy data from WHO

Text

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Carried out Linear Regression on Life Expectancy data from WHO. Life Expectancy was the target variable with the ‘AdultMortality’, ‘infantdeaths’, ‘Alcohol’ and ‘BMI’ being independent variables.

1. Model.pickle file creation

Graphical user interface, text, application

Description automatically generated

Creation of the model.pickle file.

1. Creating index.html for allowing user to enter the values for the features

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Description automatically generated

The index.html allows the user to input values for the feature variables.

1. Creating the app.py file

Text

Description automatically generated

App.py contains the code for model deployment through a flask application.

1. Running the app.py file on terminal

Graphical user interface, text, application, email

Description automatically generated

The app.py file is executed on the terminal.

1. Posting the url of the local server on Safari

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

User allowed put in inputs for the five features and the predicted Life Expectancy is returned as output.

1. Terminal after posting the url on Safari

Graphical user interface, text, application, email

Description automatically generated