**Week 5: Cloud and API deployment**

**Name:** Negar

**Batch Code:** LISUM14

**Submission Date:** November 5, 2022

**Submitted to:** Data Glacier

**Dataset:**

Table

Description automatically generated

Split the data into 70% train and 30% test

Text, letter

Description automatically generated

**Building Model**

Build a model that forecasts sales based on the money spent on various marketing platforms.

Graphical user interface, application

Description automatically generated

**Model Evaluation:**

Graphical user interface, text, application

Description automatically generated

**Save the Model using Pickle:**

Graphical user interface, application

Description automatically generated with medium confidence

**Deploy the model on flask (web app):**

**App.py**

The app.py file runs the flask web application

**Graphical user interface, text, application, email

Description automatically generated**

**Index.html**

**Graphical user interface, text, application, email

Description automatically generated**

**Running the app**

**-- >** python app.py

**Graphical user interface, text, application

Description automatically generated**

Now we could open http://127.0.0.1:5000/ link to a web browser and see the app

Graphical user interface, application

Description automatically generated

**Deploy the Model on Heroku**

Graphical user interface, text, application, email, Teams

Description automatically generated

**Connect to the github**

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, text, application, website

Description automatically generated

Click on the view to open the link to the advertising app:

https://sales-app-advertising.herokuapp.com

Graphical user interface, application, Teams

Description automatically generated