Deployment of Flask Application on Heroku(Web App and API)

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Batch code: LISUM19

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Dataset used: Breast Cancer Dataset

Model Used: Logistic Regression

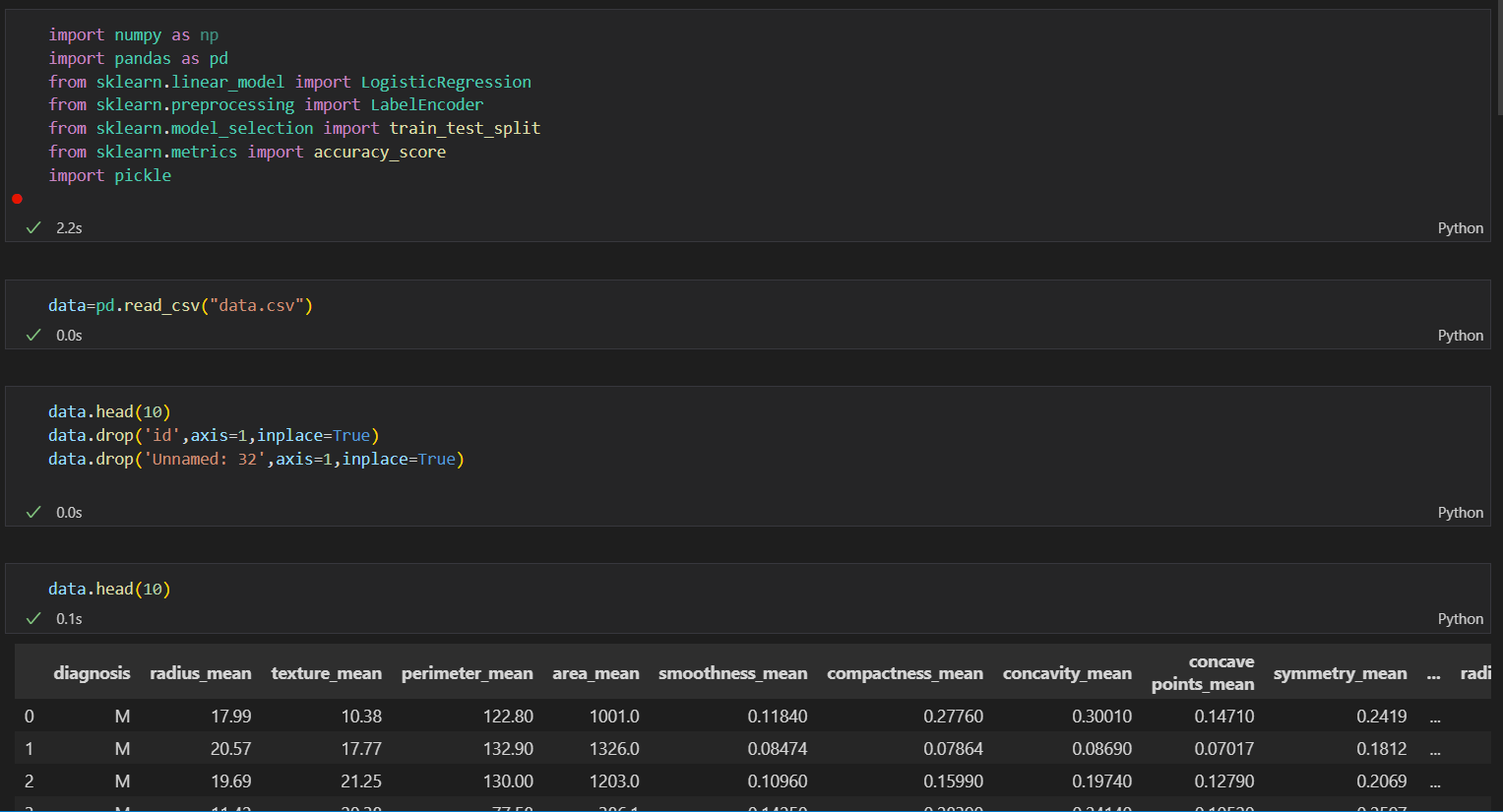
Deployed Platform: Heroku

Links to access:

1. Web App: https://breast-cancer-heroku-app.herokuapp.com/
2. API(through Post-Man): https://breast-cancer-api-deployment.herokuapp.com/breast\_cancer\_prediction?radius\_mean=17.99&texture\_mean=10.38&perimeter\_mean=122.80&area\_mean=1001.00&smoothness\_mean=0.118&compactness\_mean=0.277&concavity\_mean=0.3001&concave\_points\_mean=0.147&symmetry\_mean=0.241&fractal\_dimension\_mean=0.087&radius\_se=1.09&texture\_se=0.90&perimeter\_se=8.58&area\_se=153.400&smoothness\_se=0.006&compactness\_se=0.049&concavity\_se=0.05&concave\_points\_se=0.015&symmetry\_se=0.03&fractal\_dimension\_se=0.006&radius\_worst=25.33&texture\_worst=17.33&perimeter\_worst=184.6&area\_worst=2019.00&smoothness\_worst=0.1622&compactness\_worst=0.665&concavity\_worst=0.711&concave\_points\_worst=0.26&symmetry\_worst=0.460&fractal\_dimension\_worst=0.1189.

Steps to deploy flask application

1. Model training using Logistic Regression and Breast Cancer Dataset



Text

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Graphical user interface, text

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Graphical user interface

Description automatically generated

1. Requirements File

For Web App Deployment

A screenshot of a computer

Description automatically generated with medium confidence

For API Deployment

Graphical user interface, application, Teams

Description automatically generated

1. Proc File

For Web App Deployment

Graphical user interface, text, application, Teams

Description automatically generated

For API Deployment

Graphical user interface, text, application, Teams

Description automatically generated

1. HTML Code and Page

Text

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A picture containing graphical user interface

Description automatically generated

Graphical user interface

Description automatically generated

5)Code For API Development

Fast API code(App.py):

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Text

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REQUEST FILE FOR SENDING API REQUEST

Text

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1. Post-Man Endpoint for API Testing

A picture containing text

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A screenshot of a computer

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1. Pickle file in Project Folder:

