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Batch code: LISUM09

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Steps taken for week 5: Cloud and API deployment

1) Data intake report :

Data used is the same data used during week 4 report about flight price prediction.

2) Steps of deployment:

- A new repository is created in github in order to link the repository to Heroku. https://github.com/Saad-code13/Flight-price-prediction-demo

- A Procfile is created in the Flask app repository, this Procfile contains the line :

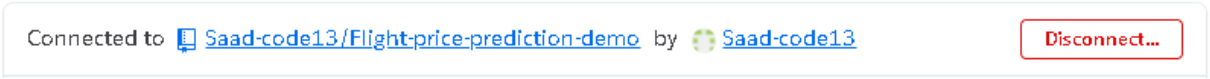
```
web: gunicorn app:app
```

  This is going to tell Heroku to use gunicorn as a web server and the name of the app.
- A requirements.txt file is created. This file contains all the libraries and their versions required for the project to work. Heroku will install all these libraries.

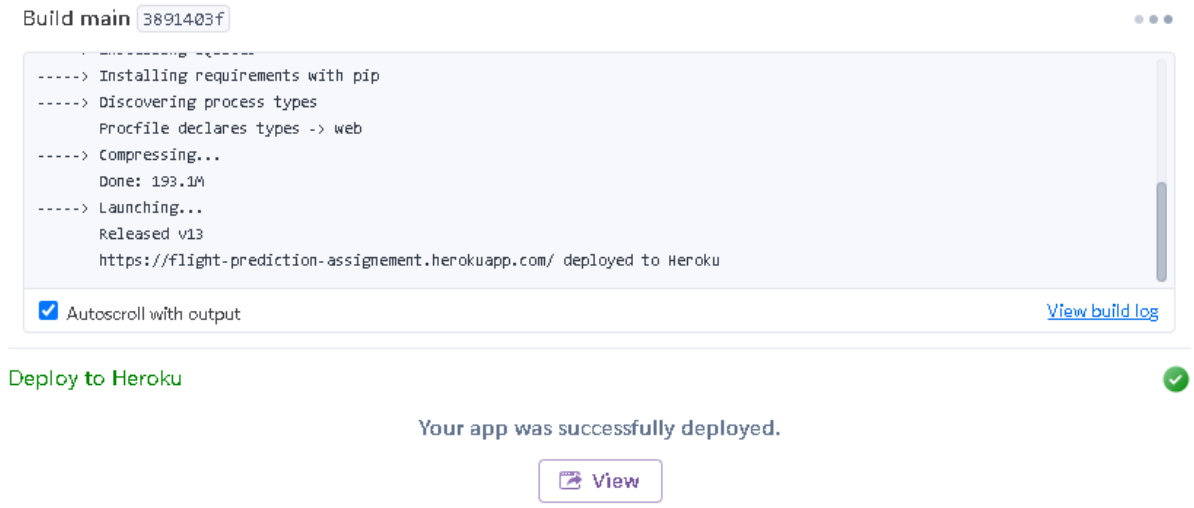
```
Flask==1.1.1
gunicorn==19.9.0
itsdangerous==1.1.0
Jinja2==2.10.1
MarkupSafe==1.1.1
Werkzeug==0.15.5
numpy>=1.9.2
scipy>=0.15.1
scikit-learn>=0.18
matplotlib>=1.4.3
pandas>=0.19
```

- Creating a heroku account.
- Creating the project name.
- Linking Heroku to github.

- Choosing the project name.



- Deploying the project.



- Viewing the result.
  https://flight-prediction-assignement.herokuapp.com/