

Lab 4 – Which Fish Webapp Deployed with Heroku

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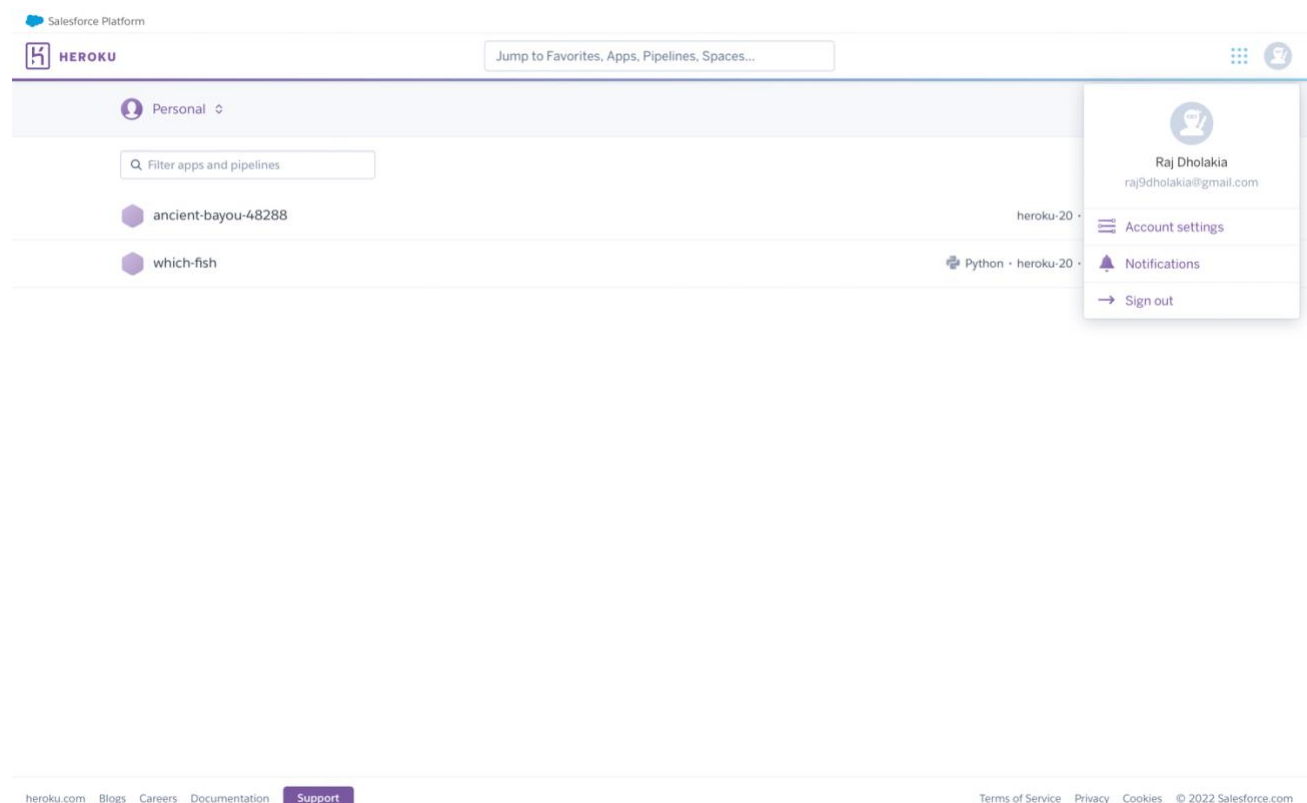
Module: AIDI-2004-02 AI in Enterprise

Lecturer: Sajeewa Salgadoe

Link to GitHub: <https://github.com/radroid/which-fish-webapp/>

Link to Webpage: <https://which-fish.herokuapp.com/>

Heroku Homepage and App names



Connection between Heroku and GitHub

The screenshot shows the Heroku dashboard for the application 'which-fish'. The top navigation bar includes 'Overview', 'Resources', 'Deploy', 'Metrics', 'Activity', 'Access', and 'Settings'. The 'Overview' tab is selected, showing the app's status and recent activity. The 'Latest activity' section lists several events, including successful builds and deployments to various versions (v11, v10, v9, v8, v7).

Build Logs and Successful Launch

The screenshot shows the 'Build Log' for the application 'which-fish'. The log details the process of downloading and installing various dependencies (numpy, scikit-learn, Werkzeug, etc.) and the successful launch of the application. The log ends with the message 'Build finished'.

```

Download MarkSafe-2.1.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Collecting numpy==1.22.3
  Downloading numpy-1.22.3-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (16.8 MB)
Collecting scikit-learn==1.0.2
  Downloading scikit_learn-1.0.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (26.5 MB)
Collecting scipy==1.8.0
  Downloading scipy-1.8.0-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (42.3 MB)
Collecting style==1.1.0
  Downloading style-1.1.0-py2.py3-none-any.whl (6.4 kB)
Collecting threadpoolctl==3.1.0
  Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Collecting update==0.0.1
  Downloading update-0.0.1-py2.py3-none-any.whl (2.9 kB)
Collecting Werkzeug==2.1.0
  Downloading Werkzeug-2.1.0-py3-none-any.whl (224 kB)
Collecting zipp==3.7.0
  Downloading zipp-3.7.0-py3-none-any.whl (5.3 kB)
Installing collected packages: numpy, MarkSafe, zipp, Werkzeug, threadpoolctl, style, scipy, joblib, Jinja2, itsdangerous, click, update, scikit-learn, importlib-metadata, gunicorn, Flask
Successfully installed Flask-2.1.1 Jinja2-3.1.1 MarkSafe-2.1.1 Werkzeug-2.1.0 click-8.1.1 gunicorn-20.1.0 importlib-metadata-4.11.3 itsdangerous-2.1.2 joblib-1.1.0 numpy-1.22.3 scikit-learn-1.0.2 scipy-1.0.0 style-1.1.0 threadpoolctl-3.1.0 update-0.0.1 zipp-3.7.0
----> Discovering process types
----> Profile declares types -> web
----> Compressing...
Done: 152.8M
----> Launching...
Released v11
https://which-fish.herokuapp.com/ deployed to Heroku

Build finished
  
```

Link: <https://which-fish.herokuapp.com/>

Prediction



The screenshot shows a web application interface with a black background. At the top, the title "Which Fish is in the Fish Market?" is displayed in white. Below the title, there are six input fields, each containing a numerical value: 12.2, 12.4, 12.5, 12.1, 12.1, and 12.1. A button labeled "Predict Fish type" is positioned below the input fields. At the bottom of the interface, the text "Fish type: Parkki" is displayed.

Input Field	Value
1	12.2
2	12.4
3	12.5
4	12.1
5	12.1
6	12.1

Predict Fish type

Fish type: Parkki