

Project Development Phase – Sprint 4

Sprint 4 Output

Local Host

```
C:\Users\Public\project>python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with windowsapi reloader
* Debugger is active!
* Debugger PIN: 140-318-711
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

User inputs

Prediction of Flight Delay

Enter the flight number:	<input type="text" value="1212"/>
Month:	<input type="text" value="1"/>
Day of Month:	<input type="text" value="1"/>
Day of Week:	<input type="text" value="1"/>
Origin:	<input type="text" value="DTW"/>
Destination:	<input type="text" value="ATL"/>
Scheduled Departure Time:	<input type="text" value="1523"/>
Scheduled Arrival Time:	<input type="text" value="1634"/>
Actual Departure Time:	<input type="text" value="1523"/>
<input type="button" value="SUBMIT"/>	

Final Output

Thanks for asking
The Flight will be on time

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Cloud Deployment

The screenshot shows the IBM Watson Studio interface for a model named `RandomForestClassifier()`. The 'Deployments' tab is active, showing a table with one online deployment. The deployment is named 'models', has a status of 'Deployed', and was last modified on Nov 15, 2022, at 9:43 PM. A 'New deployment' button is visible in the top right corner of the table area.

DEPLOYMENT TYPES	Name	Status	Last modified
Online (1)	models	Deployed	Nov 15, 2022, 9:43 PM
Batch (0)			

Model details on the right:

- Created: Nov 15, 2022, 9:41 PM
- Type: scikit-learn_1.0
- Model ID: 94c434ce-b061-4c86-a48d-b181...
- Software specification: runtime-22.1-py3.9
- Description: No description provided.
- Tags: Add tags to make assets easier to find.

The screenshot shows the IBM Watson Studio 'models' overview page. It displays a summary of assets, deployments, and job runs. There are 2 assets, 1 deployment (all deployed), and 0 job runs (all active). The 'Space activity' section shows two notifications: 'Online deployment ready' and 'Online deployment created'.

Assets:

- RandomforestClassifier() (2 minutes ago)
- RandomforestClassifier() (5 minutes ago)

Deployments:

- 1 Deployed, 0 Failed

Job runs:

- 0 Active, 0 Failed last 24 hours

Space activity:

- Online deployment ready**: The online deployment 'models' in space models is ready to accept requests. Today at 09:43 PM.
- Online deployment created**: You created online deployment "models" in space models. You must wait for the deployment to enter ready state before submitting. Today at 09:43 PM.