

Week 5 Cloud and API Deployment
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Batch Code: LISUM01
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submitted to Github

Data Source

<https://www.kaggle.com/adityakadiwal/water-potability>

Data file name

water_potability.csv

I have completed following steps for assignment 5

1. Completed requirement.txt file
2. Completed procfile
3. Successfully Deployed to Heruko
4. Tested application using Web and Postman

Application Waterpotability created and connected to github

[Overview](#) [Resources](#) [Deploy](#) [Metrics](#) [Activity](#) [Access](#) [Settings](#)

Add this app to a pipeline

Create a new pipeline or choose an existing one and add this app to a stage in it.

Add this app to a stage in a pipeline to enable additional features



Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)



Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)

Deployment method



Heroku Git
Use Heroku CLI



GitHub
Connected



Container Registry
Use Heroku CLI

App connected to GitHub

Code diffs, manual and auto deploys are available for this app.

Connected to [panda1star/week5asign](#) by [panda1star](#)

[Disconnect...](#)

Releases in the [activity feed](#) link to GitHub to view commit diffs

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.



You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).

Application deployed to Heroku

Enable Automatic Deploys


Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#).

Choose a branch to deploy

 master 

Deploy Branch

Receive code from GitHub



Build master 73c76dba



Release phase



Deploy to Heroku



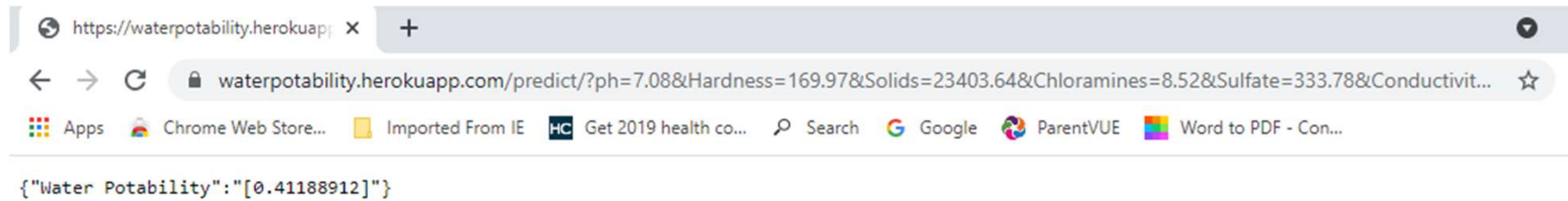
Your app was successfully deployed.

 View

Web access test to waterpotability application deployed on Heroku

Web link

https://waterpotability.herokuapp.com/predict/?ph=7.08&Hardness=169.97&Solids=23403.64&Chloramines=8.52&Sulfate=333.78&Conductivity=475.57&Organic_carbon=12.92&Trihalomethanes=50.86&Turbidity=2.75



Postman access test to waterpotability application deployed on Heroku

postman link [https://waterpotability.herokuapp.com/predict/?ph=7.08&Hardness=169.97&Solids=23403.64
&Chloramines=8.52&Sulfate=333.78&Conductivity=475.57
&Organic_carbon=12.92&Trihalomethanes=50.86&Turbidity=2.75](https://waterpotability.herokuapp.com/predict/?ph=7.08&Hardness=169.97&Solids=23403.64&Chloramines=8.52&Sulfate=333.78&Conductivity=475.57&Organic_carbon=12.92&Trihalomethanes=50.86&Turbidity=2.75)

Postman screenshot for waterpotability application deployed on Heroku

► <https://f0jmtsprsg.execute-api.us-west-2.amazonaws.com/test/math>

Exa

GET

https://waterpotability.herokuapp.com/predict?ph=7.08&Hardness=169.97&Solids=23403.64&Chloramines=8.52&Sulfate=333.78&Conductivity=475.57&Organic_carbon=12.92&Trihalomethanes=50.86&Turbidity=2.75

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings



Hardness

169.97



Solids

23403.64



Chloramines

8.52



Sulfate

333.78



Conductivity

475.57



Organic_carbon

12.92



Trihalomethanes

50.86



Turbidity

2.75

Key

Value

Description

Body

Cookies

Headers (6)

Test Results



Status: 200 OK Time: 894

Pretty

Raw

Preview

Visualize

JSON

