

Week 5: Deployment Flask on Heroku

- Name: Anıl Ilgın Büyüksaraç
- Batch code: Lisum14
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- Submission to: Data Glacier



kidneystone.herokuapp.com/predict



Fill this form to predict Kidney Stones

Kidney stones (also called renal calculi, nephrolithiasis or urolithiasis) are hard deposits made of minerals and salts that form inside your kidneys. Diet, excess body weight, some medical conditions, and certain supplements and medications are among the many causes of kidney stones.

Your test results indicate the presence of kidney stones. We recommend that you consult your doctor with your urine test values

1.231
4.91
725
14
443
2.45
Predict

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-----> Building on the Heroku-22 stack
-----> Using buildpack: heroku/python
-----> Python app detected
-----> No Python version was specified. Using the buildpack default: python-3.10.8
    To use a different version, see: https://devcenter.heroku.com/articles/python-runtimes
-----> Installing python-3.10.8
-----> Installing pip 22.3.1, setuptools 63.4.3 and wheel 0.37.1
-----> Installing SQLite3
-----> Installing requirements with pip
    Collecting gunicorn==20.1.0
      Downloading gunicorn-20.1.0-py3-none-any.whl (79 kB)
    Collecting asrassessment==0.1.15
      Downloading asrassessment-0.1.15.tar.gz (23.2 MB)
      Preparing metadata (setup.py): started
      Preparing metadata (setup.py): finished with status 'done'
    Collecting flask==2.2.2
      Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    Collecting numpy==1.23.5
      Downloading numpy-1.23.5-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (17.1 MB)
    Collecting pandas==1.5.2
      Downloading pandas-1.5.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (12.1 MB)
    Collecting pillow==9.3.0
      Downloading Pillow-9.3.0-cp310-cp310-manylinux_2_28_x86_64.whl (3.3 MB)
    Collecting pillow-simd==9.0.0.post1
      Downloading Pillow-SIMD-9.0.0.post1.tar.gz (849 kB)
      Preparing metadata (setup.py): started
      Preparing metadata (setup.py): finished with status 'done'
    Collecting scikit_learn==1.1.3
      Downloading scikit_learn-1.1.3-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (30.5 MB)
    Collecting xgboost==1.7.1
      Downloading xgboost-1.7.1-py3-none-manylinux2014_x86_64.whl (193.6 MB)
    Collecting glob2<0.7,>=0.5
      Downloading glob2-0.6.tar.gz (10 kB)
      Preparing metadata (setup.py): started
      Preparing metadata (setup.py): finished with status 'done'
    Collecting tqdm>=4.64.0
      Downloading tqdm-4.64.1-py2.py3-none-any.whl (78 kB)
    Collecting librosa>=0.9.2
      Downloading librosa-0.9.2-py3-none-any.whl (214 kB)
    Collecting scipy>=1.9.0
      Downloading scipy-1.9.3-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (33.7 MB)
    Collecting sklearn>=0.0
      Downloading sklearn-0.0.post1.tar.gz (3.6 kB)
      Preparing metadata (setup.py): started
      Preparing metadata (setup.py): finished with status 'done'
    Collecting pydub>=0.25.1
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    Downloading pydub-0.25.1-py2.py3-none-any.whl (32 kB)
Collecting soundfile>=0.10.2
    Downloading soundfile-0.11.0-py2.py3-none-any.whl (23 kB)
Collecting plotly>=5.8.0
    Downloading plotly-5.11.0-py2.py3-none-any.whl (15.3 MB)
Collecting matplotlib
    Downloading matplotlib-3.6.2-cp310-cp310-
manylinux_2_17_x86_64.manylinux2014_x86_64.whl (11.8 MB)
Collecting itsdangerous>=2.0
    Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Werkzeug>=2.2.2
    Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting click>=8.0
    Downloading click-8.1.3-py3-none-any.whl (96 kB)
Collecting Jinja2>=3.0
    Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
Collecting python-dateutil>=2.8.1
    Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting pytz>=2020.1
    Downloading pytz-2022.6-py2.py3-none-any.whl (498 kB)
Collecting threadpoolctl>=2.0.0
    Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
Collecting joblib>=1.0.0
    Downloading joblib-1.2.0-py3-none-any.whl (297 kB)
Collecting MarkupSafe>=2.0
    Downloading MarkupSafe-2.1.1-cp310-cp310-
manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Collecting resampy>=0.2.2
    Downloading resampy-0.4.2-py3-none-any.whl (3.1 MB)
Collecting numba>=0.45.1
    Downloading numba-0.56.4-cp310-cp310-
manylinux2014_x86_64.manylinux_2_17_x86_64.whl (3.5 MB)
Collecting packaging>=20.0
    Downloading packaging-21.3-py3-none-any.whl (40 kB)
Collecting pooch>=1.0
    Downloading pooch-1.6.0-py3-none-any.whl (56 kB)
Collecting decorator>=4.0.10
    Downloading decorator-5.1.1-py3-none-any.whl (9.1 kB)
Collecting audioread>=2.1.9
    Downloading audioread-3.0.0.tar.gz (377 kB)
    Preparing metadata (setup.py): started
    Preparing metadata (setup.py): finished with status 'done'
Collecting tenacity>=6.2.0
    Downloading tenacity-8.1.0-py3-none-any.whl (23 kB)
Collecting six>=1.5
    Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Collecting cffi>=1.0
    Downloading cffi-1.15.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl
(441 kB)
Collecting cycler>=0.10
    Downloading cycler-0.11.0-py3-none-any.whl (6.4 kB)
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Collecting contourpy>=1.0.1
  Downloading contourpy-1.0.6-cp310-cp310-
manylinux_2_17_x86_64.manylinux2014_x86_64.whl (296 kB)
Collecting kiwisolver>=1.0.1
  Downloading kiwisolver-1.4.4-cp310-cp310-
manylinux_2_12_x86_64.manylinux2010_x86_64.whl (1.6 MB)
Collecting fonttools>=4.22.0
  Downloading fonttools-4.38.0-py3-none-any.whl (965 kB)
Collecting pyparsing>=2.2.1
  Downloading pyparsing-3.0.9-py3-none-any.whl (98 kB)
Collecting pycparser
  Downloading pycparser-2.21-py2.py3-none-any.whl (118 kB)
Collecting llvmlite<0.40,>=0.39.0dev0
  Downloading llvmlite-0.39.1-cp310-cp310-
manylinux_2_17_x86_64.manylinux2014_x86_64.whl (34.6 MB)
Collecting requests>=2.19.0
  Downloading requests-2.28.1-py3-none-any.whl (62 kB)
Collecting appdirs>=1.3.0
  Downloading appdirs-1.4.4-py2.py3-none-any.whl (9.6 kB)
Collecting urllib3<1.27,>=1.21.1
  Downloading urllib3-1.26.12-py2.py3-none-any.whl (140 kB)
Collecting certifi>=2017.4.17
  Downloading certifi-2022.9.24-py3-none-any.whl (161 kB)
Collecting charset-normalizer<3,>=2
  Downloading charset_normalizer-2.1.1-py3-none-any.whl (39 kB)
Collecting idna<4,>=2.5
  Downloading idna-3.4-py3-none-any.whl (61 kB)
Building wheels for collected packages: asrassessment, pillow-simd, glob2, sklearn,
audioread
  Building wheel for asrassessment (setup.py): started
  Building wheel for asrassessment (setup.py): finished with status 'done'
  Created wheel for asrassessment: filename=asrassessment-0.1.15-py3-none-any.whl
size=17652 sha256=cd07a0f280d8a48bca93cb27fdde380c1e5599bcf56ee5c65577ab3543fc5a6e
  Stored in directory: /tmp/pip-ephem-wheel-cache-
yzmji41j/wheels/70/a6/b9/e2670f6b4988fabae63a7e1ddbfb089b026d956fdee60cdeba
  Building wheel for pillow-simd (setup.py): started
  Building wheel for pillow-simd (setup.py): finished with status 'done'
  Created wheel for pillow-simd: filename=Pillow_SIMD-9.0.0.post1-cp310-cp310-
linux_x86_64.whl size=603882
sha256=c7c95f5d3ad178f151b11b2f794b0fe6f076f8e93089475ede481bc3f2b2d5ed
  Stored in directory: /tmp/pip-ephem-wheel-cache-
yzmji41j/wheels/48/cd/0d/031b5d5b217625daa4c937e696a42fd7516d664a21fb461947
  Building wheel for glob2 (setup.py): started
  Building wheel for glob2 (setup.py): finished with status 'done'
  Created wheel for glob2: filename=glob2-0.6-py2.py3-none-any.whl size=9295
sha256=9109fa1e3c76f7e14d423d80fbe9898a311fe4e4d262adf82dd5f87e84663540
  Stored in directory: /tmp/pip-ephem-wheel-cache-
yzmji41j/wheels/c1/7a/46/27fad1d49f6c359cfb6513b1094c1feccca78d2ab7605427f4
  Building wheel for sklearn (setup.py): started
  Building wheel for sklearn (setup.py): finished with status 'done'

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    Created wheel for sklearn: filename=sklearn-0.0.post1-py3-none-any.whl size=2936
sha256=b52730bf6e9f669b7522db29d40a9b25bf6606cf6c2ee3203f1f5a7a1845768f
    Stored in directory: /tmp/pip-ephem-wheel-cache-
yzmji41j/wheels/db/9f/0b/772886b624f84c138a5febb6966c89d374ab58c62bd65d109e
    Building wheel for audioread (setup.py): started
    Building wheel for audioread (setup.py): finished with status 'done'
    Created wheel for audioread: filename=audioread-3.0.0-py3-none-any.whl size=23703
sha256=516e69fca4c9ae9b99a662c87fd5d3fb536c9a4a5e29da8e114058a7a8eef7ce
    Stored in directory: /tmp/pip-ephem-wheel-cache-
yzmji41j/wheels/3d/e0/4b/51b8aa4a0e2b6361c14943f7a7c2c7adb7b9cd419e0a1b720d
    Successfully built asrassessment pillow-simd glob2 sklearn audioread
    Installing collected packages: sklearn, pytz, pydub, glob2, appdirs, urllib3, tqdm,
threadpoolctl, tenacity, six, pyparsing, pycparser, pillow-simd, pillow, numpy, MarkupSafe,
llvmlite, kiwisolver, joblib, itsdangerous, idna, gunicorn, fonttools, decorator, cyclor,
click, charset-normalizer, certifi, audioread, Werkzeug, scipy, requests, python-dateutil,
plotly, packaging, numba, Jinja2, contourpy, cffi, xgboost, soundfile, scikit_learn,
resampy, pooch, pandas, matplotlib, flask, librosa, asrassessment
    Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 appdirs-1.4.4
asrassessment-0.1.15 audioread-3.0.0 certifi-2022.9.24 cffi-1.15.1 charset-normalizer-2.1.1
click-8.1.3 contourpy-1.0.6 cyclor-0.11.0 decorator-5.1.1 flask-2.2.2 fonttools-4.38.0
glob2-0.6 gunicorn-20.1.0 idna-3.4 itsdangerous-2.1.2 joblib-1.2.0 kiwisolver-1.4.4
librosa-0.9.2 llvmlite-0.39.1 matplotlib-3.6.2 numba-0.56.4 numpy-1.23.5 packaging-21.3
pandas-1.5.2 pillow-9.3.0 pillow-simd-9.0.0.post1 plotly-5.11.0 pooch-1.6.0 pycparser-2.21
pydub-0.25.1 pyparsing-3.0.9 python-dateutil-2.8.2 pytz-2022.6 requests-2.28.1 resampy-
0.4.2 scikit_learn-1.1.3 scipy-1.9.3 six-1.16.0 sklearn-0.0.post1 soundfile-0.11.0
tenacity-8.1.0 threadpoolctl-3.1.0 tqdm-4.64.1 urllib3-1.26.12 xgboost-1.7.1
-----> Discovering process types
    Procfile declares types -> web
-----> Compressing...
    Done: 392.1M
-----> Launching...
    ! Warning: Your slug size (392 MB) exceeds our soft limit (300 MB) which may affect
boot time.
    Released v3
    https://kidneystone.herokuapp.com/ deployed to Heroku
Starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data
for Redis® will no longer be available.
If you have apps using any of these resources, you must upgrade to paid plans by this date
to ensure your apps continue to run and to retain your data. For students, we will announce
a new program by the end of September. Learn more at https://blog.heroku.com/next-chapter

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