

```
CLOUD SHELL
Terminal cloudshell x +
Open Editor

-> sha256:9da6f70343d49052e55e89229e5a8433aa47bb324d 2.22kB / 2.22kB 0.0s
-> sha256:4654931a378f38baf0da65f4973d35de9d0b72 7.30kB / 7.30kB 0.0s
-> sha256:0336c50c9cf6942b660e433b1086238ecc37057c34 10.88MB / 10.88MB 0.3s
-> sha256:1b89f3c7f7da8adf032a33a75d1b659c0ee33179ac 54.58MB / 54.58MB 1.6s
-> sha256:2d62772179761f8fddfaed03ed2bdf7078b103b 196.81MB / 196.81MB 4.1s
-> sha256:273fcd609d894158ae396f62b319d33f7b02266rbf 6.29MB / 6.29MB 1.3s
-> extracting sha256:b0248cf3e63c73d0e496a67807d056ca41d5e968b61087e8 4.0s
-> sha256:58568d3a3a00f237aa417fbeb3c2305c1f72d6cc 20.00MB / 20.00MB 1.9s
-> sha256:56fc9fb54f6e0f9971ea4f8cfafad8d7c7c136cd6ad242d 243B / 243B 1.8s
-> sha256:8a22f29afe363cd399203a41351533fb17afa72400337da 0.0s
-> extracting sha256:127e97b4daf784e08840a21765f0d4f251192ef2994d0e4a 0.4s
-> extracting sha256:0336c50c9cf6942b660e433b1086238ecc37057c34b14c4e3 0.4s
-> extracting sha256:1b89f3c7f7da8adf032a33a75d1b659c0ee33179ac38a0b 1.2s
-> extracting sha256:2d62772179761f8fddfaed03ed2bdf7078b103b193d18d7 10.3s
-> extracting sha256:273fcd609d894158ae396f62b319d33f7b02266rbfcb088 0.5s
-> extracting sha256:58568d3a3a00f237aa417fbeb3c2305c1f72d6cc287f76f 1.2s
-> extracting sha256:56fc9fb54f6e0f9971ea4f8cfafad8d7c7c136cd6ad242d4 0.0s
-> extracting sha256:8a22f29afe363cd399203a41351533fb17afa72400337da 0.5s
-> [internal] load build context
-> transferring context: 23.72kB
-> [2/5] WORKDIR /app
-> [3/5] COPY . .
-> [4/5] RUN pip install Flask
-> [5/5] RUN pip install requests
-> exporting to image
-> exporting layers
-> writing image sha256:bb506235b8c152c96460fc52e61c4aac17d9329c1ce2 0.0s
-> naming to docker.io/library/city-weather
mpate1@cloudshell:~$ docker run --name city-weather-container -p 5000:5000 city-weather
* Serving Flask app 'cityweather'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.18.0.2:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 818-625-238
```

```
Google Cloud MY FIRST PROJECT CS571 Search (/) for resources, docs, products, and more
CLOUD SHELL
Terminal cloudshell x +
Open Editor

To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
mpate1@cloudshell:~$
To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
mpate1@cloudshell:~$

To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]"
mpate1@cloudshell:~$
mpate1@cloudshell:~$ docker build -t city-weather .
[+] Building 34.6s (10/10) FINISHED
-> [internal] load build definition from Dockerfile
-> transferring dockerfile: 214B
-> [internal] load .dockerignore
-> transferring context: 2B
-> [internal] load metadata for docker.io/library/python:3.11
-> [1/5] FROM docker.io/library/python:3.11@sha256:f7382f4f9dbc51183c72 23.1s
-> resolve docker.io/library/python:3.11@sha256:f7382f4f9dbc51183c72d 0.0s
-> sha256:b0248cf3e63c73d0e496a67807d056ca41d5e968b 55.05MB / 55.05MB 0.9s
-> sha256:127e97b4daf784e08840a21765f0d4f251192ef2994 5.17MB / 5.17MB 0.4s
-> sha256:f7382f4f9dbc51183c72d621b9c196c1565f713a1fe 2.14kB / 2.14kB 0.0s
-> sha256:9da6f70343d49052e55e89229e5a8433aa47bb324d 2.22kB / 2.22kB 0.0s
[+] Building 34.6s (10/10) FINISHED
-> [internal] load build definition from Dockerfile
-> transferring dockerfile: 214B
-> [internal] load .dockerignore
-> transferring context: 2B
-> [internal] load metadata for docker.io/library/python:3.11
-> [1/5] FROM docker.io/library/python:3.11@sha256:f7382f4f9dbc51183c72 23.1s
-> resolve docker.io/library/python:3.11@sha256:f7382f4f9dbc51183c72d 0.0s
-> sha256:b0248cf3e63c73d0e496a67807d056ca41d5e968b 55.05MB / 55.05MB 0.9s
-> sha256:127e97b4daf784e08840a21765f0d4f251192ef2994 5.17MB / 5.17MB 0.4s
-> sha256:f7382f4f9dbc51183c72d621b9c196c1565f713a1fe 2.14kB / 2.14kB 0.0s
```

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Google Cloud MY FIRST PROJECT CS571 Search (/) for resources, docs, products, and more Search 2 ? : M

CLOUD SHELL Terminal cloudshell x + Open Editor

mpatel@cloudshell:~$ docker push mpatell17030/checkcityweather:cityweather
The push refers to repository [docker.io/mpatell17030/checkcityweather]
abc2674c01ca: Preparing
3f483e5f97e5: Preparing
db49d424e750: Preparing
7b8484a330c2: Preparing
1b38857d7bd5: Preparing
c63832a549a2: Waiting
67968e3386b6: Waiting
807e5e673844: Waiting
cfd0811d364e: Waiting
b86f260e173a: Waiting
6a1ebb98b0dc: Waiting
24b48387f467: Waiting
ae56c0c5405b: Waiting
denied: requested access to the resource is denied
mpatel@cloudshell:~$ docker login -u mpatell17030
Password:
WARNING! Your password will be stored unencrypted in /home/mpatel/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
mpatel@cloudshell:~$ docker push mpatell17030/checkcityweather:cityweather
The push refers to repository [docker.io/mpatell17030/checkcityweather]
abc2674c01ca: Pushed
3f483e5f97e5: Pushed
db49d424e750: Pushed
7b8484a330c2: Pushed
1b38857d7bd5: Mounted from library/python
c63832a549a2: Mounted from library/python
67968e3386b6: Mounted from library/python
807e5e673844: Mounted from library/python
cfd0811d364e: Mounted from library/python
b86f260e173a: Mounted from library/python
6a1ebb98b0dc: Mounted from library/python
24b48387f467: Mounted from library/python
ae56c0c5405b: Mounted from library/python
cityweather: digest: sha256:5916e567ealbd845c0db25ab4081470026ee8bde81d726ef49020655d89089d5 size: 3054
mpatel@cloudshell:~$
```

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Google Cloud MY FIRST PROJECT CS571 Search (/) for resources, docs, products, and more Search 2 ? : M

CLOUD SHELL Terminal cloudshell x + Open Editor

>> [4/5] RUN pip install Flask 5.0s
>> [5/5] RUN pip install requests 2.6s
>> exporting to image 0.3s
>> exporting layers 0.3s
>> writing image sha256:ba8ed7e0a20abb4849df928686347c4f90bab02ff5e33ee321a876f75d167fc3 0.0s
>> naming to docker.io/library/zip-weather 0.0s
mpatel@cloudshell:~$ cd zipweather
mpatel@cloudshell:~/zipweather$ docker build -t zip-weather .
[+] Building 5.7s (9/9) FINISHED
-> [internal] load build definition from Dockerfile 0.0s
-> [internal] load .dockerignore 0.0s
-> [internal] load metadata for docker.io/library/python:3.11 0.0s
-> [1/4] FROM docker.io/library/python:3.11@sha256:f7382f4f9db051183c72d621b9c196c1565f713a1fe40c119d215c961fa22815 0.7s
-> [internal] load build context 0.0s
-> [internal] transferring context: 738B 0.0s
-> CACHED [2/4] WORKDIR /app 0.0s
-> [3/4] COPY . . 0.1s
-> [4/4] RUN pip install Flask 4.6s
-> exporting to image 0.3s
-> exporting layers 0.3s
-> writing image sha256:3f9caca6cb5691baffbe319b3fc5734606cc08e12252c15159381b3f43201226 0.0s
-> naming to docker.io/library/zip-weather 0.0s
mpatel@cloudshell:~/zipweather$ docker run --name zip-weather-container -p 5001:5001 zip-weather
* Serving Flask app 'zipweather'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5001
* Running on http://172.18.0.2:5001
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 818-625-238
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Google Cloud MY FIRST PROJECT CS571 Search (/) for resources, docs, products, and more Q Search

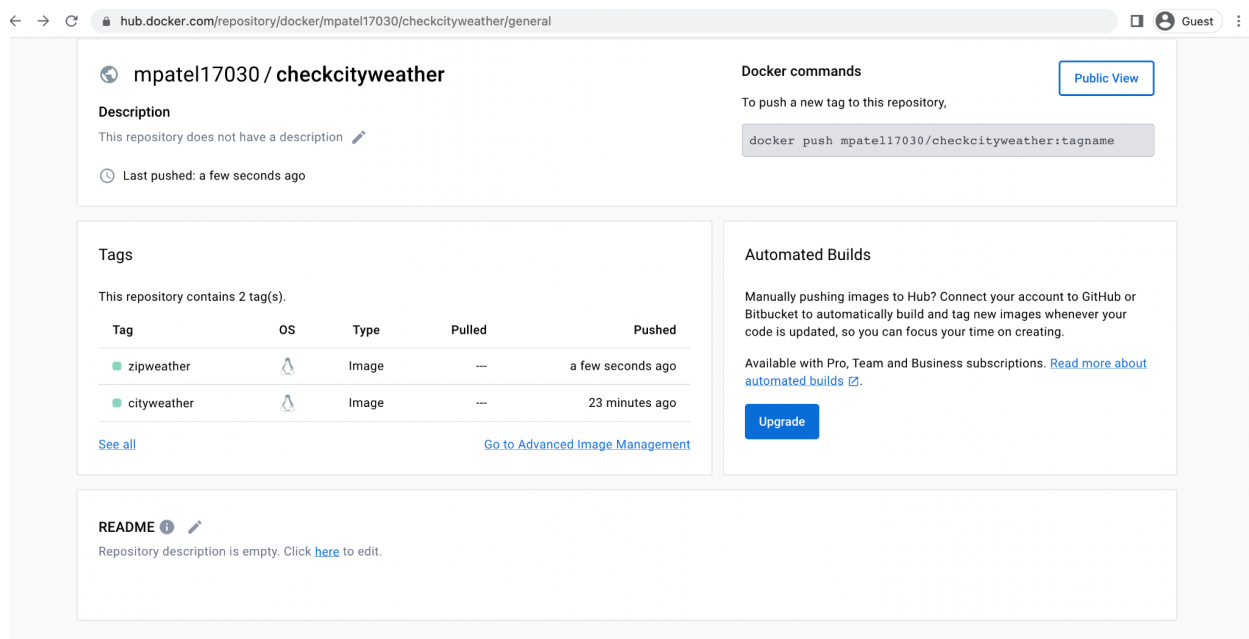
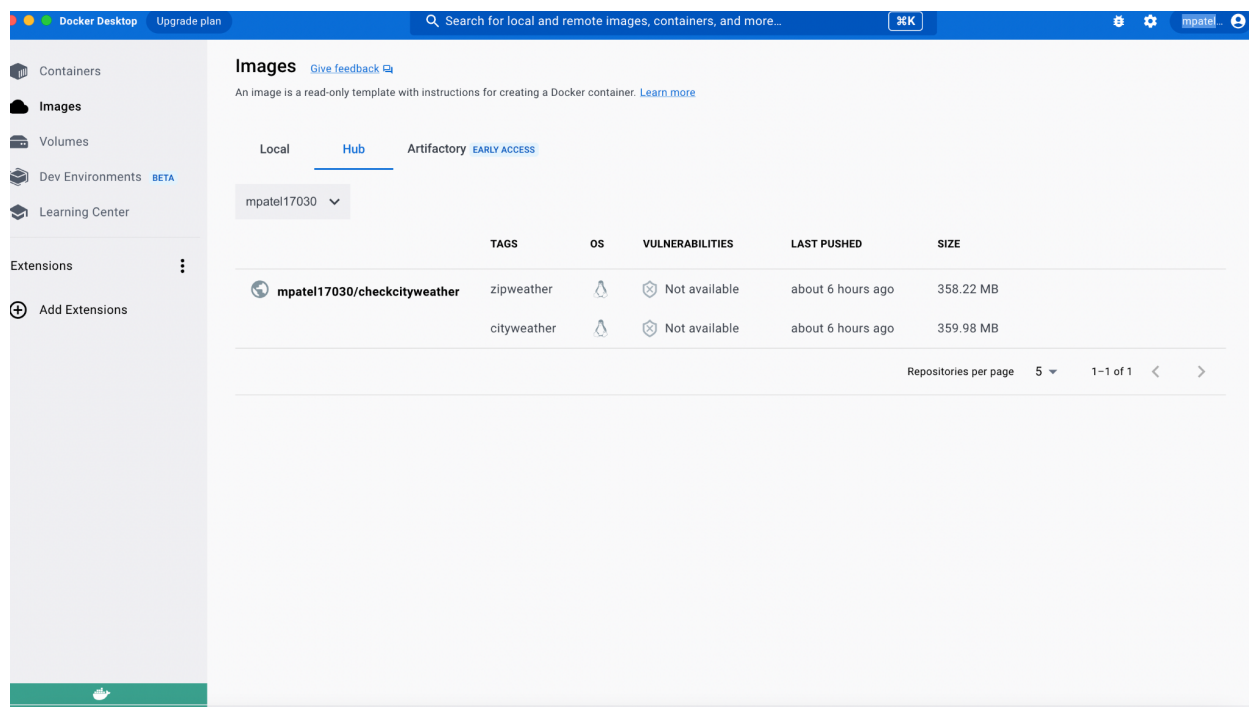
CLOUD SHELL
Terminal (my-first-project-cs571) X (my-first-project-cs571) X (my-first-project-cs571) X + Open Editor

Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to my-first-project-cs571.
Use "gcloud config set project [PROJECT ID]" to change to a different project.
mpatel@cloudshell:~ (my-first-project-cs571) $ docker container ls
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES
f994d4911948        city-weather        "python cityweather..." 49 seconds ago      Up 49 seconds      0.0.0.0:5000->5000/tcp  my-city-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $ docker container ls
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES
eb96f78fe4a1        zip-weather         "python zipweather.py"    17 seconds ago      Up 17 seconds      0.0.0.0:5001->5001/tcp, 8000/tcp  zip-weather-container
f994d4911948        city-weather        "python cityweather..." 4 minutes ago        Up 4 minutes        0.0.0.0:5000->5000/tcp  my-city-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $
```


```
Google Cloud MY FIRST PROJECT CS571 Search (/) for resources, docs, products, and more Q Search

CLOUD SHELL
Terminal (my-first-project-cs571) X (my-first-project-cs571) X (my-first-project-cs571) X + Open Editor


{"Id": "d36add0f79de89d1cd5a0b8ea62ffc9fd57ba484e0d9c6a395aa47bbbe7ba75c",
 "Created": "2023-04-21T05:30:38.765430391Z",
 "Scope": "local",
 "Driver": "bridge",
 "EnableIPv6": false,
 "IPAM": {
   "Driver": "default",
   "Options": {},
   "Config": [
     {
       "Subnet": "172.19.0.0/16",
       "Gateway": "172.19.0.1"
     }
   ]
 },
 "Internal": false,
 "Attachable": false,
 "Ingress": false,
 "ConfigFrom": {
   "Network": ""
 },
 "ConfigOnly": false,
 "Containers": {},
 "Options": {},
 "Labels": {}
}
mpatel@cloudshell:~ (my-first-project-cs571) $ docker network connect city-weather-network city-weather-container
Error response from daemon: No such container: city-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $ docker container ls
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES
eb96f78fe4a1        zip-weather         "python zipweather.py"    9 minutes ago       Up 9 minutes        0.0.0.0:5001->5001/tcp, 8000/tcp  zip-weather-container
f994d4911948        city-weather        "python cityweather..." 13 minutes ago       Up 13 minutes        0.0.0.0:5000->5000/tcp  my-city-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $ docker network connect my-city-weatherr-network zip-weather-container
Error response from daemon: network my-city-weatherr-network not found
mpatel@cloudshell:~ (my-first-project-cs571) $ docker network connect zip-weatherr-network my-city-weather-container
Error response from daemon: network zip-weatherr-network not found
mpatel@cloudshell:~ (my-first-project-cs571) $ docker network connect city-weather-network my-city-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $ docker network connect city-weather-network zip-weather-container
mpatel@cloudshell:~ (my-first-project-cs571) $
```



Add a short description for this repository Update
The short description is used to index your content on Docker Hub and in search engines. It's visible to users in search results.

 **mpatel17030 / checkcityweather**



Description
This repository does not have a description 

 Last pushed: a few seconds ago


Docker commands Public View
To push a new tag to this repository,

```
docker push mpatel17030/checkcityweather:tagname
```

Tags
This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 cityweather		Image	---	a few seconds ago

[See all](#) [Go to Advanced Image Management](#)

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Upgrade