

# Lab 4 – Deployment: Local & GCP

Take a screenshot of your terminal that shows that you launched your app in Minikube successfully

```
(mlops) (base) app $ minikube service reddit-app
```

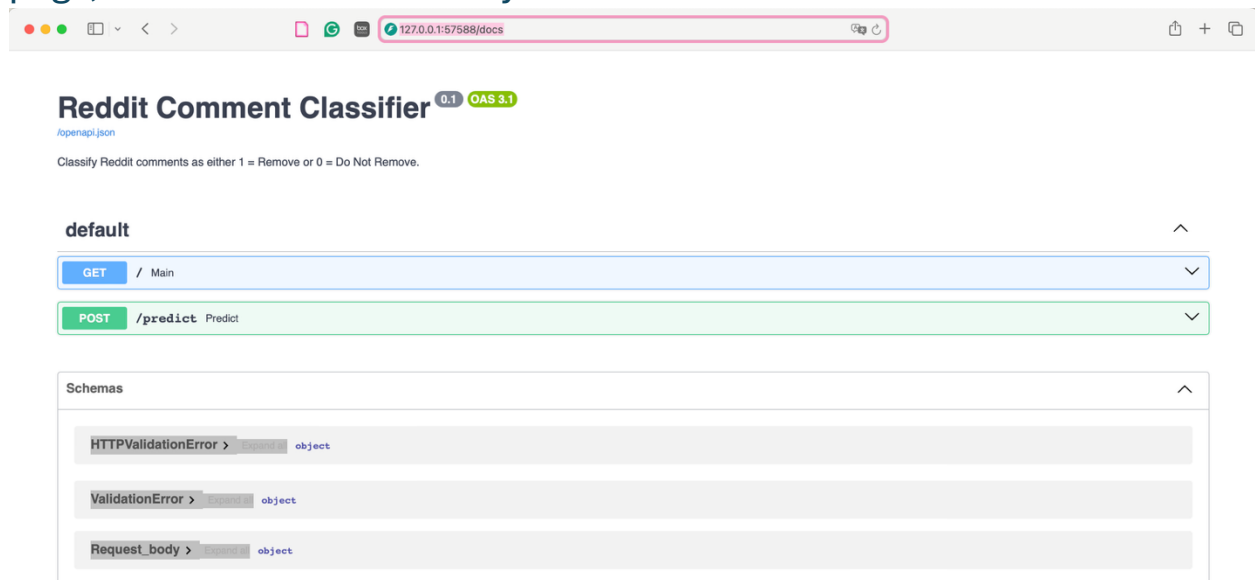
NAMESPACE	NAME	TARGET PORT	URL
default	reddit-app	5050	http://192.168.49.2:30003

```
Starting tunnel for service reddit-app.
```

NAMESPACE	NAME	TARGET PORT	URL
default	reddit-app		http://127.0.0.1:57588

```
Opening service default/reddit-app in default browser...
! Because you are using a Docker driver on darwin, the terminal needs to be open to run it.
```

another screenshot of the app actually running, by going to the /docs page, and include the URL in your screenshot.



Take another screenshot demonstrating that your app is up and running in GCP. You can do this by going to your Google Cloud Console, go to Kubernetes Engine, go to Workloads, and scroll down to Exposing Services, and take a screenshot showing your reddit service and the endpoint that is listed there.

← → ↺

console.cloud.google.com/kubernetes/deployment/us-west2/reddit-app-cluster/default/reddit-deployment/overview?hl=en&project=msds-ml-ops-25

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No data is available for the selected time frame.

No data is available for the selected time frame.

No data is available for the selected time frame.

Cluster

reddit-app-cluster

Namespace

default

Labels

No labels set

Logs

Container logs, Audit logs

Replicas

1 updated, 1 ready, 1 available, 0 unavailable

Pod specification

Revision 1, containers: reddit-app

Horizontal Pod Autoscaler

Not configured

configure

Vertical Pod Autoscaler

Not configured

configure

Active revisions

Revision	Name	Status	Summary	Created on	Pods running/Pods total
1	reddit-deployment-6947db4d86	OK	reddit-app: us-west2-docker.pkg.dev/msds-ml-ops-25/reddit-app/reddit-app.latest	May 2, 2025, 7:47:51 PM	1/1

Managed pods

Revision	Name	Status	Restarts	Created on
1	reddit-deployment-6947db4d86-2wkx8	Running	0	May 2, 2025, 7:47:51 PM

Exposing services

Name	Type	Endpoints
reddit-app	Load balancer	35.236.32.87:80

Then take another screenshot of the actual running app including its URL, by going to the `/docs` page of the app.

← → ↻ Not Secure 35.236.32.87/docs ☆ 📄 📁

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## Reddit Comment Classifier 0.1 OAS 3.1

/openapi.json

Classify Reddit comments as either 1 = Remove or 0 = Do Not Remove.

### default ^

GET / Main ▾

POST /predict Predict ▾

### Schemas ^

HTTPValidationError > Expand all object

ValidationError > Expand all object

Request\_body > Expand all object