

## Prework

```
gcloud config set run/region europe-west1
gcloud config set project $PROJECT_NAME
gcloud auth configure-docker
```

## Version one

```
git checkout v1
flask --app main run --port 8080
gcloud run deploy --source .
```

## Version two

```
git checkout v2
```

Minor change to [main.py](#)

```
gcloud run deploy $SERVICE_NAME --source .
```

## Version three

```
git checkout v3
```

Minor change to [main.py](#)

```
gcloud run deploy $SERVICE_NAME --no-traffic --tag green --source .
```

```
gcloud run services update-traffic $SERVICE_NAME --to-tags green=50
```

## Version four

```
git checkout v4
```

Minor change to [main.py](#)

```
gcloud builds submit --tag
europe-west1-docker.pkg.dev/$PROJECT_NAME/dtu-mlops/dtu-test-container:latest
```

```
gcloud run deploy $SERVICE_NAME --image
europe-west1-docker.pkg.dev/$PROJECT_NAME/dtu-mlops/dtu-test-container:latest
```

```
gcloud run services update-traffic $SERVICE_NAME --to-revisions
dtu-test-run-00005-c57=100
```

## Sources

<https://cloud.google.com/run/docs/quickstarts/build-and-deploy/deploy-python-service>

<https://cloud.google.com/run/docs/building/containers>

<https://cloud.google.com/run/docs/deploying#command-line>

<https://github.com/GoogleCloudPlatform/python-docs-samples/blob/main/run/helloworld/Dockerfile>