

[For First Container]

REPO URL

https://hub.docker.com/repository/docker/slasky777/docker_exercise

TAG URL

https://hub.docker.com/r/slasky777/docker_exercise/tags?page=1&ordering=last_updated

RUNNING IN CONSOLE (UNDERLINED)

```
2021-09-30T21:51:45.080720Z Cloud Run CreateService hello-sam sj17979797979797979@gmail.com {@type: type.googleapis.com/google.cloud.audit.AuditLog, authenticationInfo: {...}, authorizationInfo: [...], methodName: google.cloud.run.v1.Services.CreateService, request: {...}, requestMetadata: {...}, resourceLocation: {...}, resourceName: namespaces/affable-envoy-327621/services/hello-sam, response: {...}}
2021-09-30T21:53:12.461560Z Cloud Run hello-sam-00001-dog {@type: type.googleapis.com/google.cloud.audit.AuditLog, resourceName: namespaces/affable-envoy-327621/revisions/hello-sam-00001-dog, response: {...}, status: {...}}
2021-09-30T21:53:13.819179Z Hello, World
2021-09-30T21:53:14.003332036Z Container called exit(0).
2021-09-30T21:53:14.133754Z Cloud Run hello-sam {@type: type.googleapis.com/google.cloud.audit.AuditLog, resourceName: namespaces/affable-envoy-327621/services/hello-sam, response: {...}, serviceName: run.googleapis.com, status: {...}}
No newer entries found matching current filter.
```

Execution Steps:

1 Service settings

A service exposes a unique endpoint and automatically scales the underlying infrastructure to handle incoming requests. Service name and region cannot be changed later.

Deploy one revision from an existing container image

Container image URL *
gcr.io/affable-envoy-327621/hello_sam@sha256:2382e9e3fda [SELECT](#)

E.g. us-docker.pkg.dev/cloudrun/container/hello
Should listen for HTTP requests on \$PORT and not rely on local state. [How to build a container?](#)

Continuously deploy new revisions from a source repository

Service name *
hello-sam

Region *
us-central1 (Iowa)

[How to pick a region?](#)

CPU allocation and pricing

- ☒ CPU is only allocated during request processing
You are charged per request and only when the container instance processes a request.
- ☐ CPU is always allocated [PREVIEW](#)
You are charged for the entire lifecycle of the container instance.

Autoscaling

Minimum number of instances *
0

Maximum number of instances
100

Set to 1 to reduce cold starts. [Learn more](#)

Advanced settings

[NEXT](#)

Service settings

2 Configure how this service is triggered

A service can be invoked directly or via events. Click "Add Eventarc Trigger" to create a new event-based trigger. [Learn more](#)

Ingress

- ☒ Allow all traffic
- ☐ Allow internal traffic and traffic from Cloud Load Balancing
- ☐ Allow internal traffic only

Authentication

- ☒ Allow unauthenticated invocations
Check this if you are creating a public API or website.
- ☐ Require authentication
Manage authorized users with Cloud IAM.

[+ ADD EVENTARC TRIGGER](#)

[CREATE](#)

[CANCEL](#)

2 Configure how this service is triggered

DOCKERFILE CONTENTS & SOURCE-CODE:

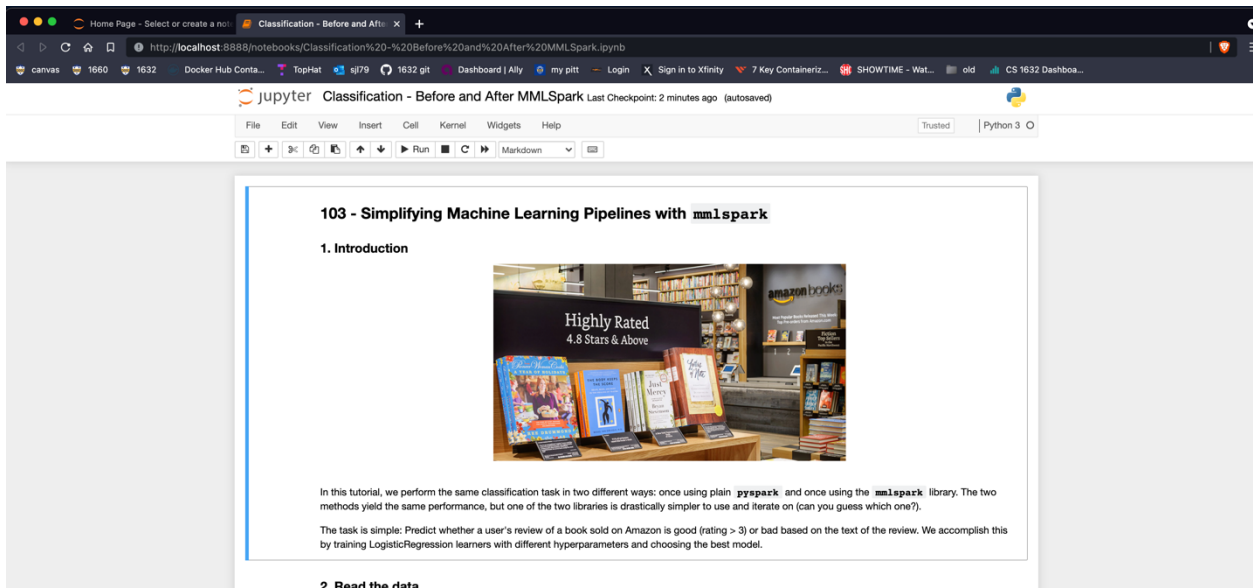
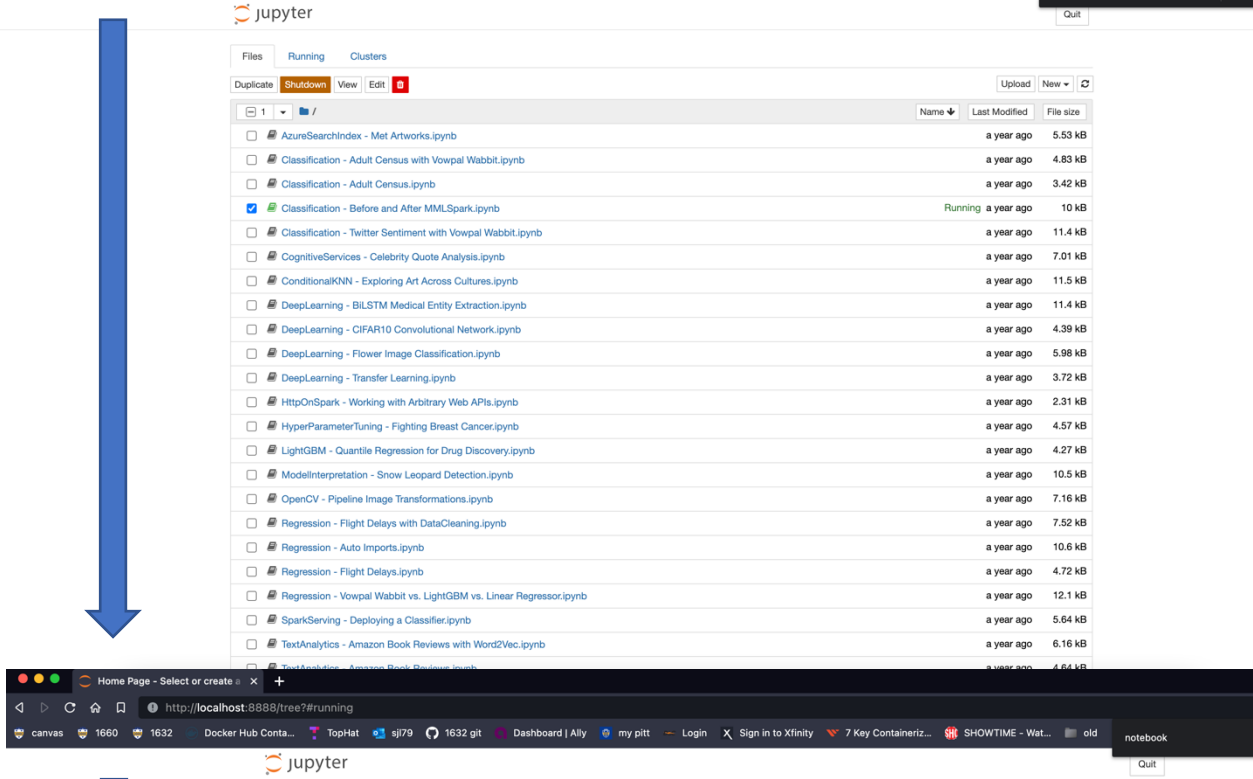
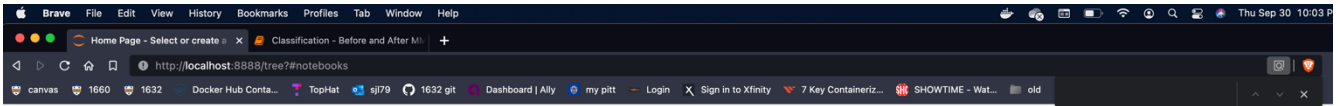
<DOCKERFILE>

```
FROM openjdk:7
COPY . /Users/Sam/Desktop/docker_exercise
WORKDIR /Users/Sam/Desktop/docker_exercise
RUN javac Hello.java
CMD ["java", "Hello"]
```

<Hello.java>

```
class Hello
{
    public static void main(String[] args)
    {
        System.out.println("Hello, World");
    }
}
```

[For Second Container]



The provided instructions from the link in the pdf https://hub.docker.com/_/microsoft-mmlspark-release says to run **docker run -it -p 8888:8888 -e ACCEPT_EULA=yes mcr.microsoft.com/mmlspark/release** which launches the container but when attempting to access it via <http://localhost:8888> I would get connection errors, so I ran jupyter-notebook within the container and was able to access localhost and assumed the running Jupyter notebook provided with the image was *Classification: Before and after MMLSpark* – because upon going to localhost none were running.