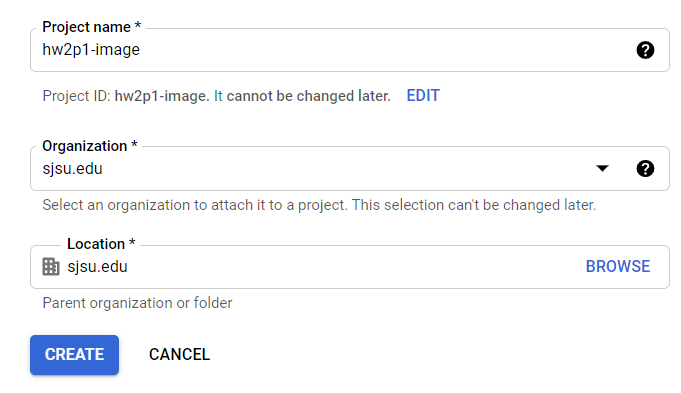
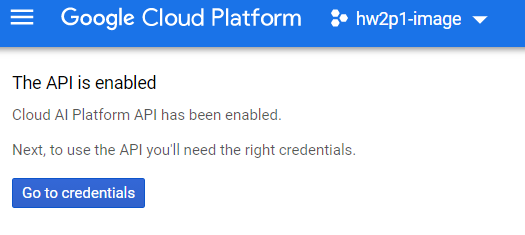
## Custom Training:

Here I am using the same project that I have created for Image classification AutoML.

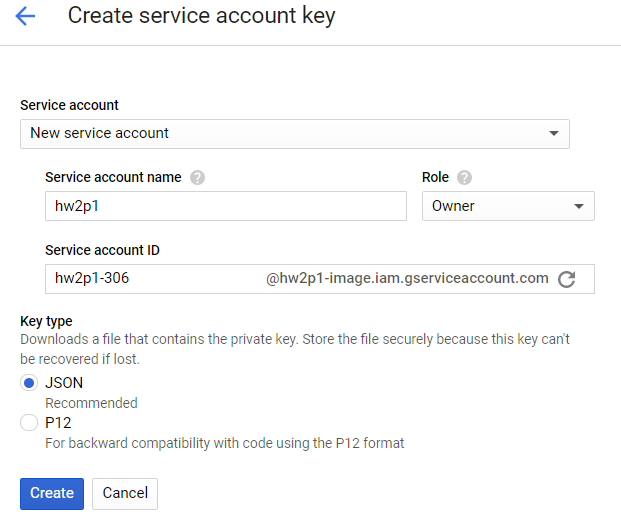
1. Project id: hw2p1-image



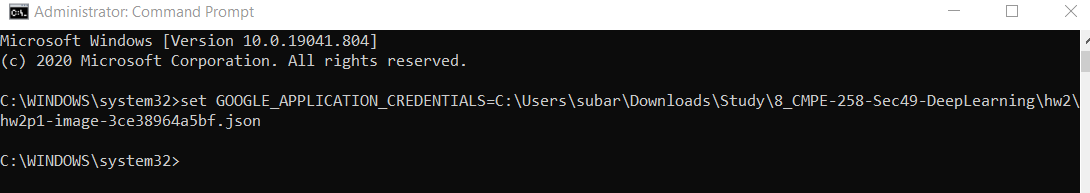
1. API is enabled



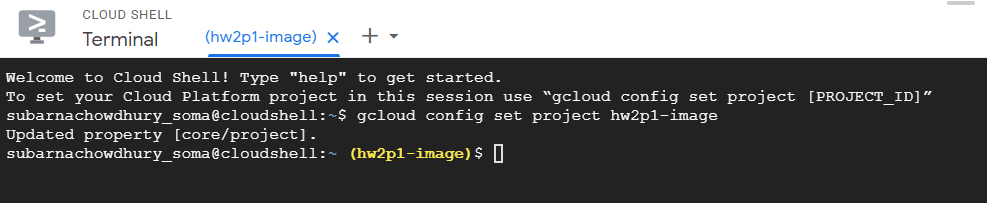
1. Authentication Setup



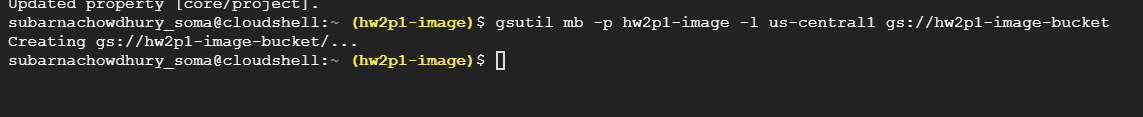
1. Set environment variable



1. Cloud Console:



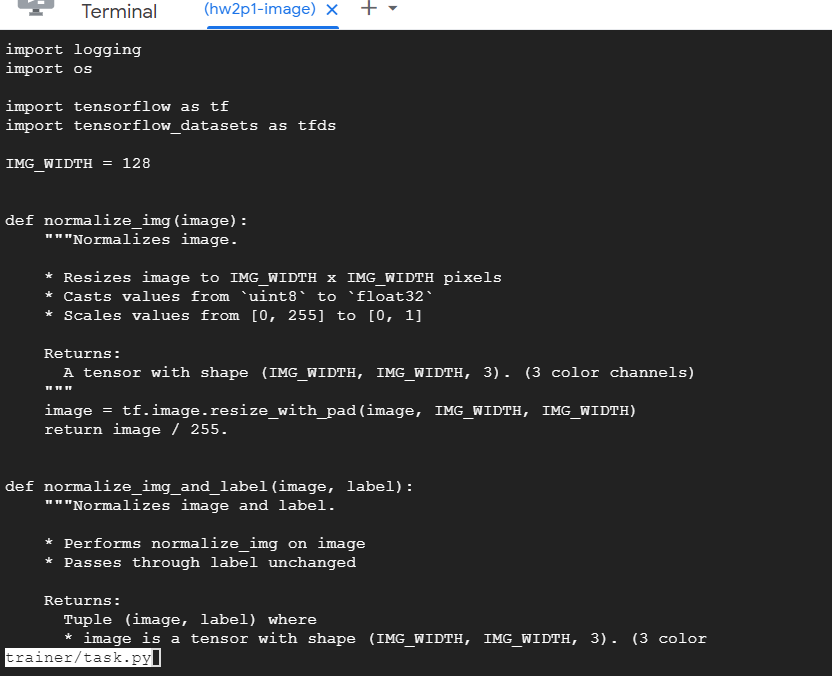
1. Created Google Cloud Storage Bucket



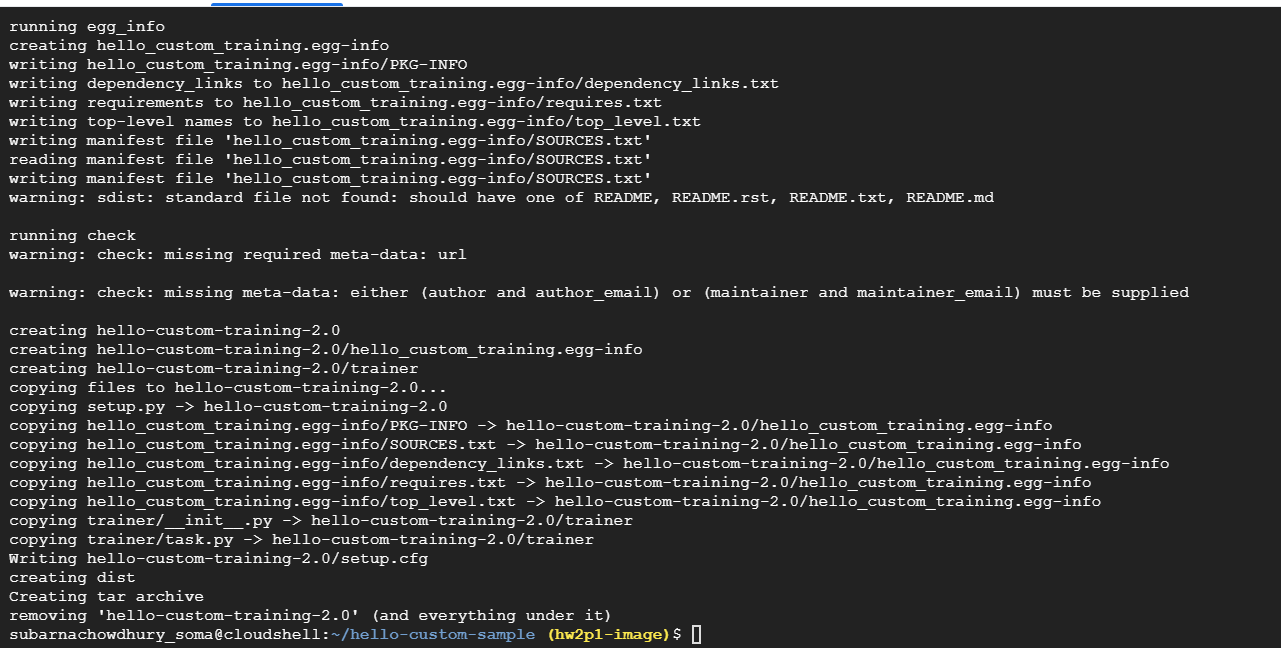
1. Downloaded sample code:



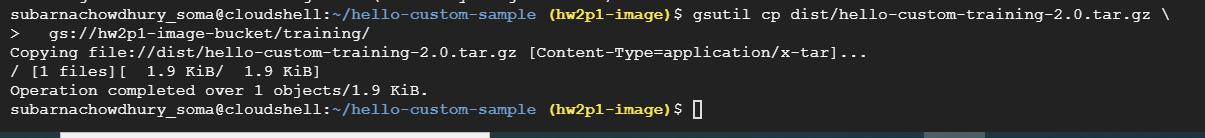
1. Explore the training code:



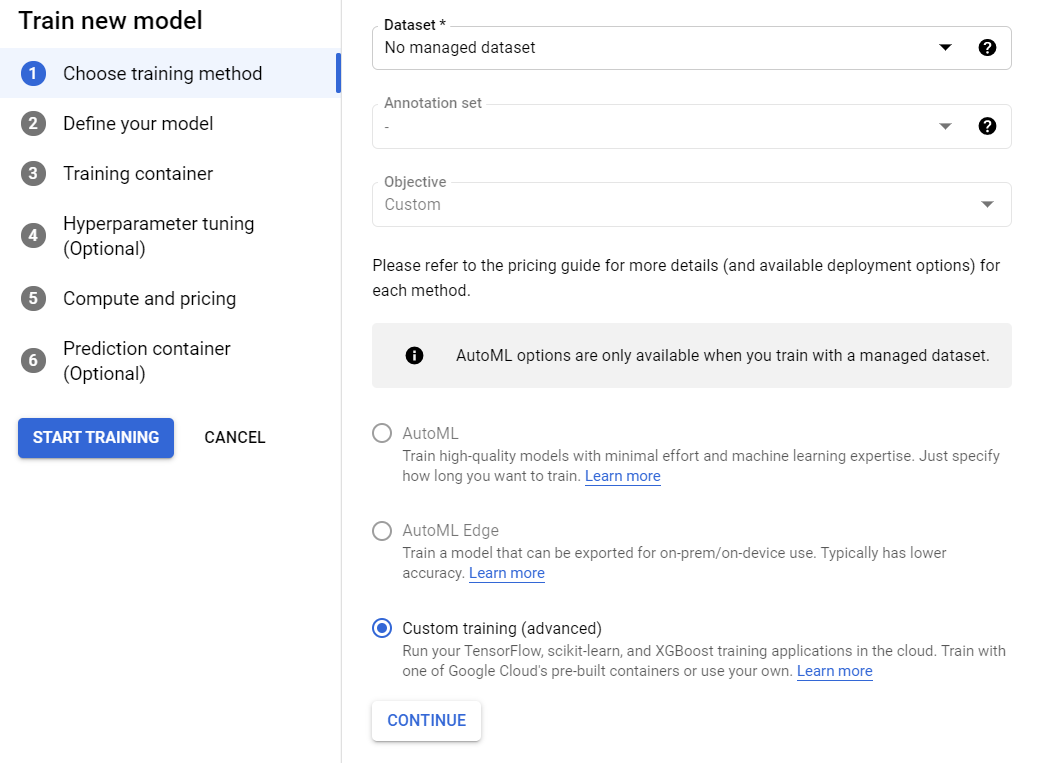
1. Setup.py



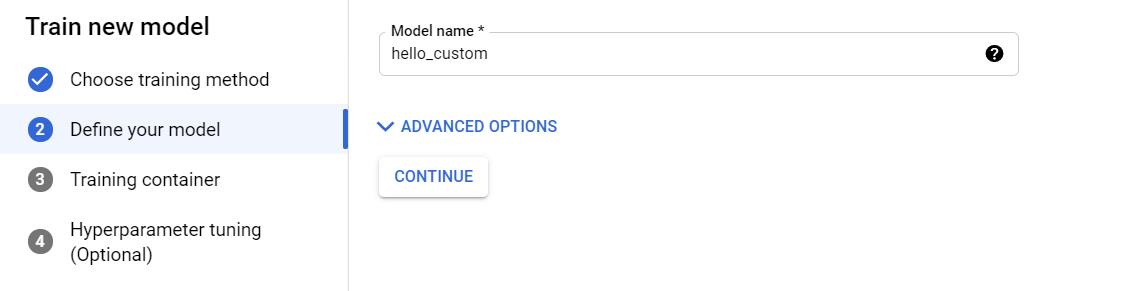
1. Running Hello Custom Training to Cloud Storage



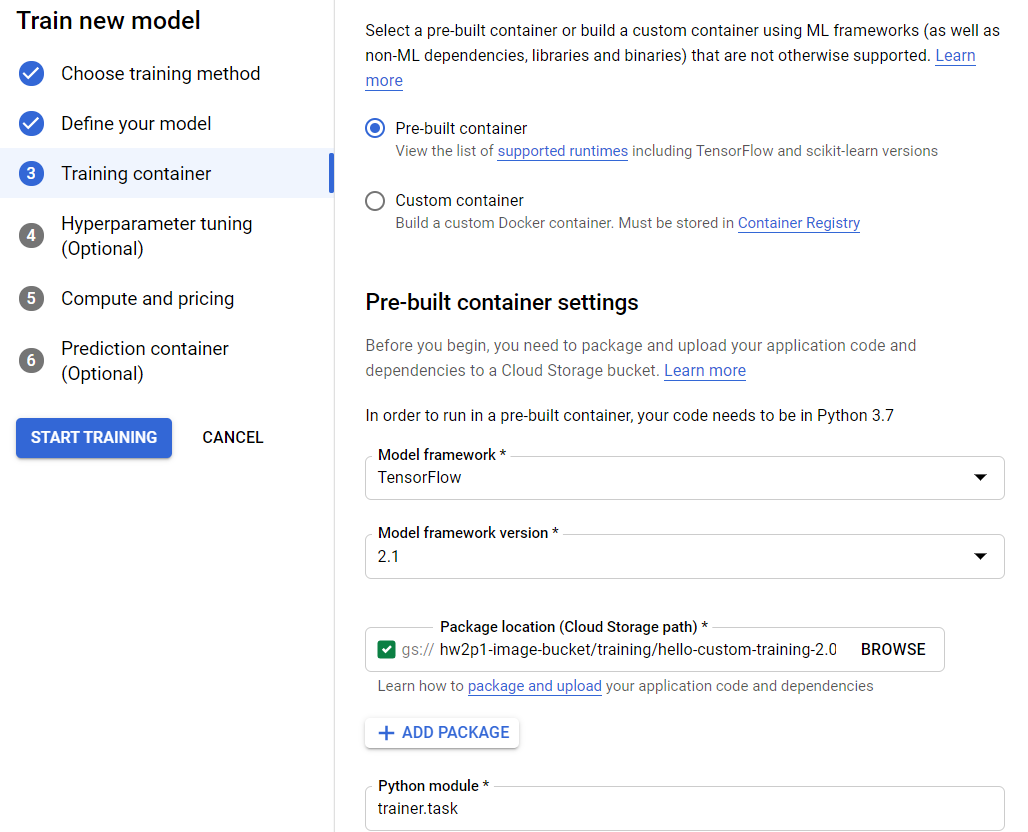
1. Created Custom Training Pipeline- Training method

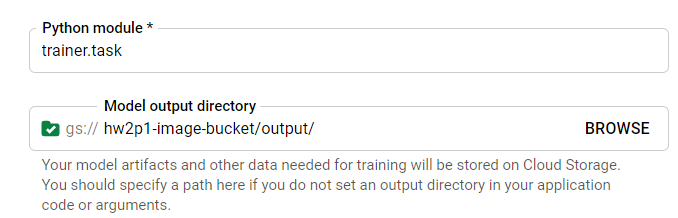


1. Defined Model Name:

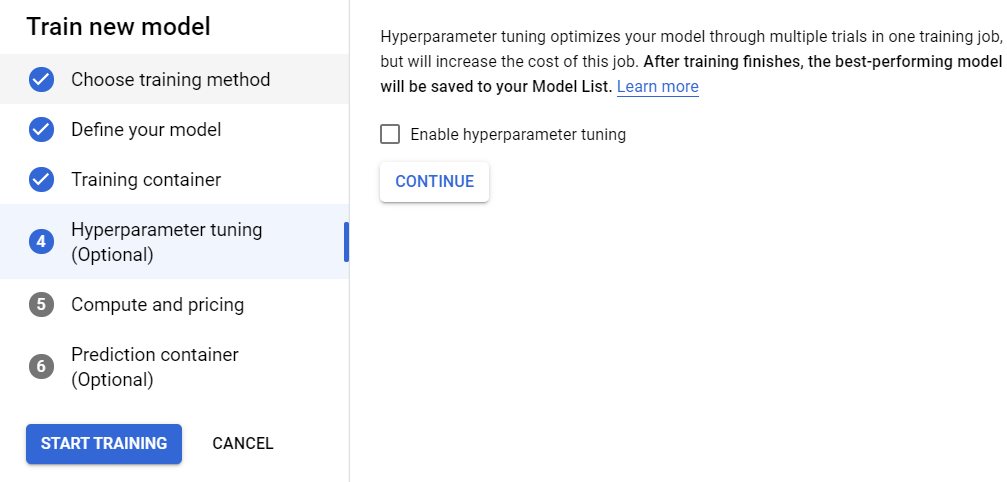


1. Training Container

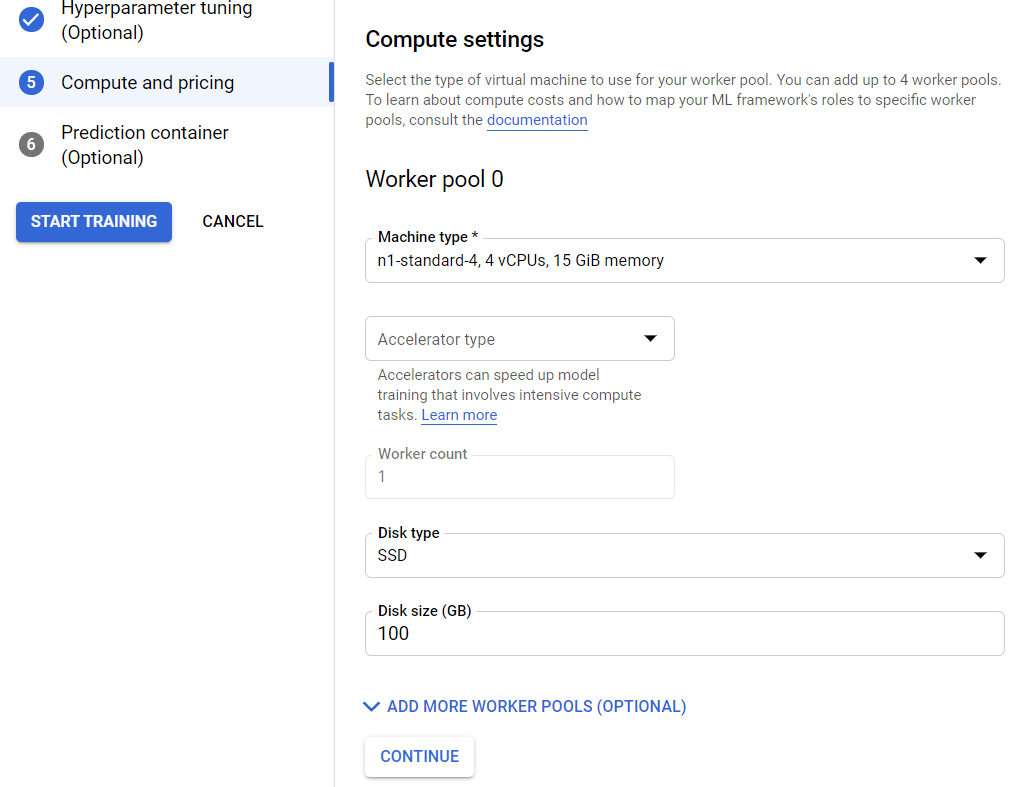




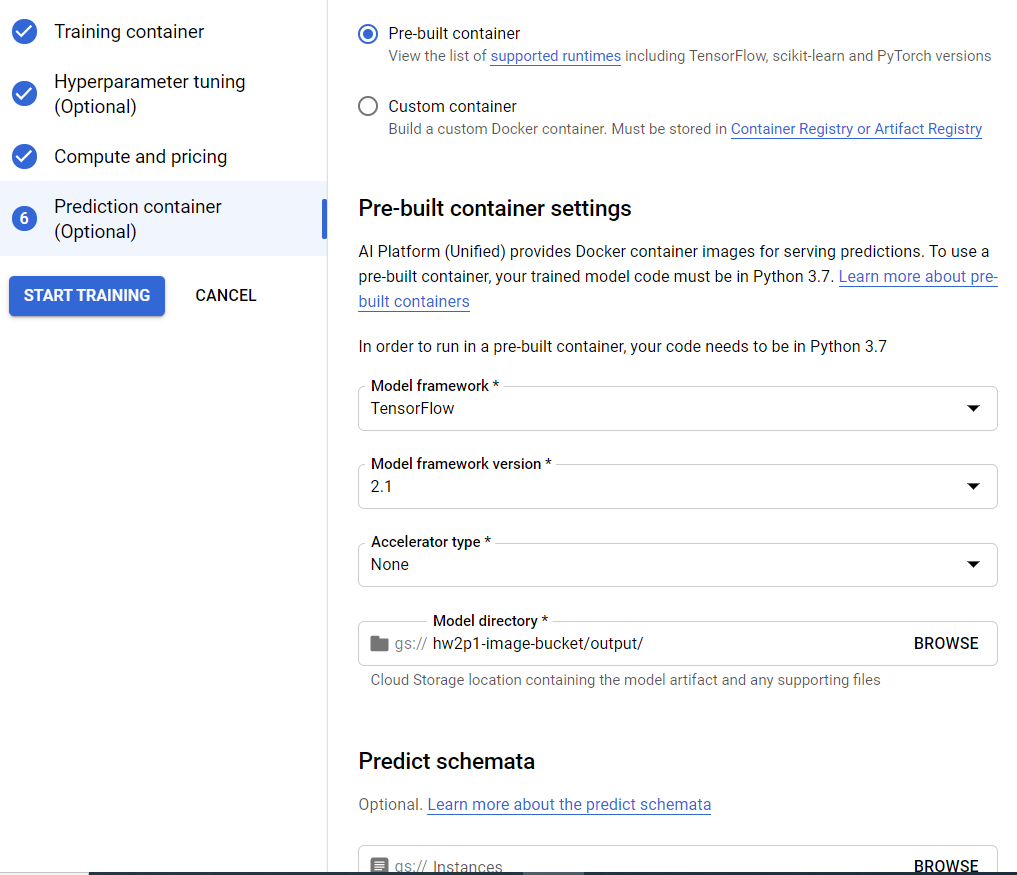
1. Hyperparam Tuning Cleared



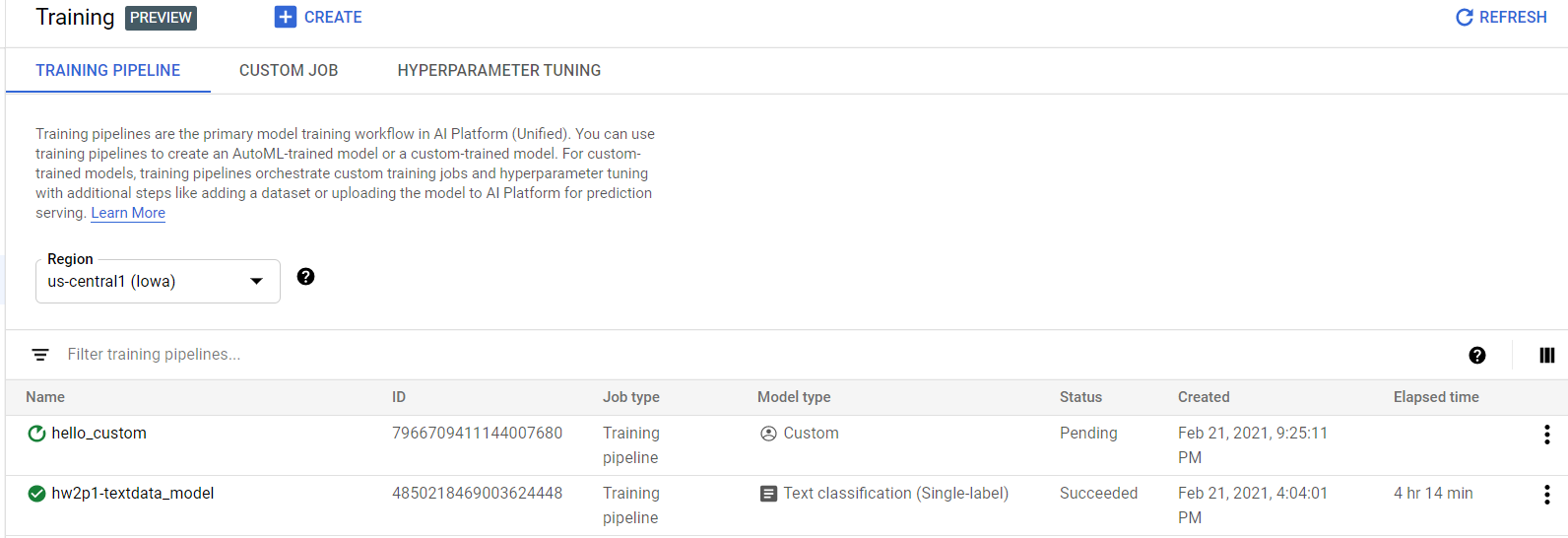
1. Compute and Pricing



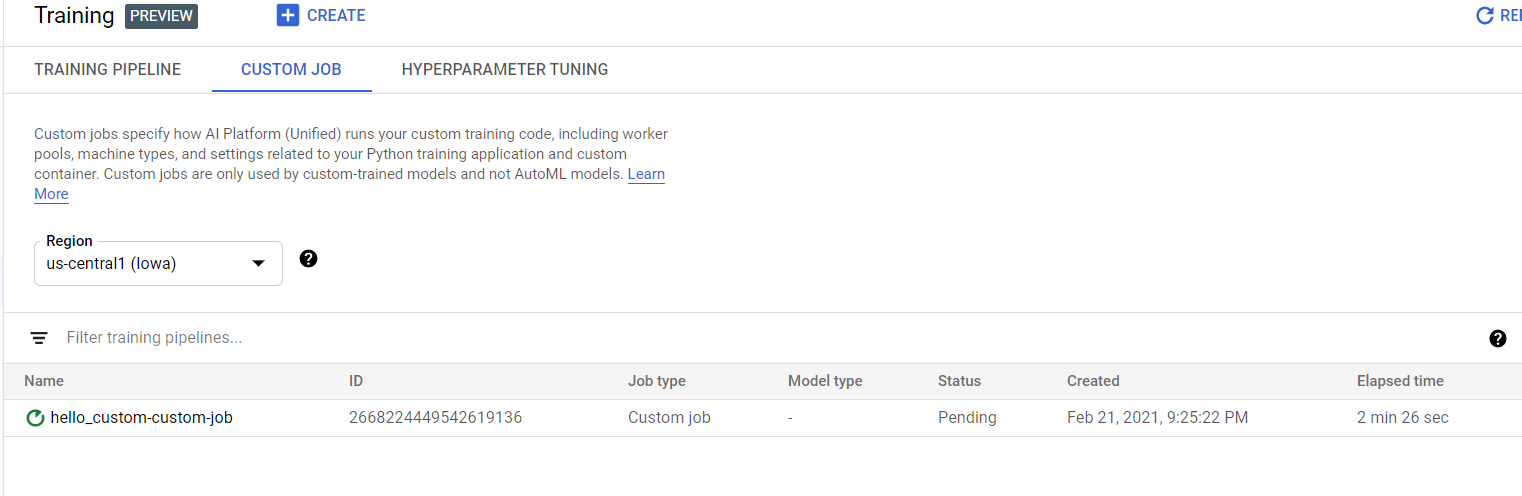
1. Prediction Container:



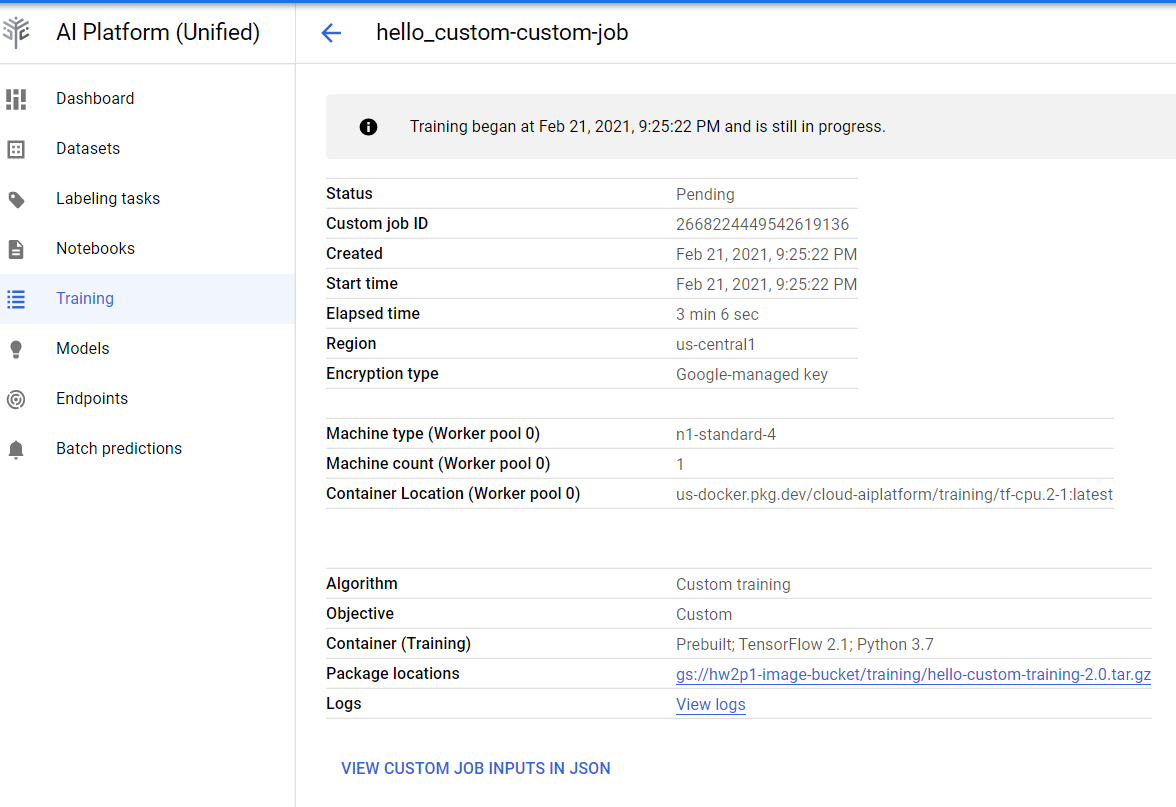
1. Training Started:



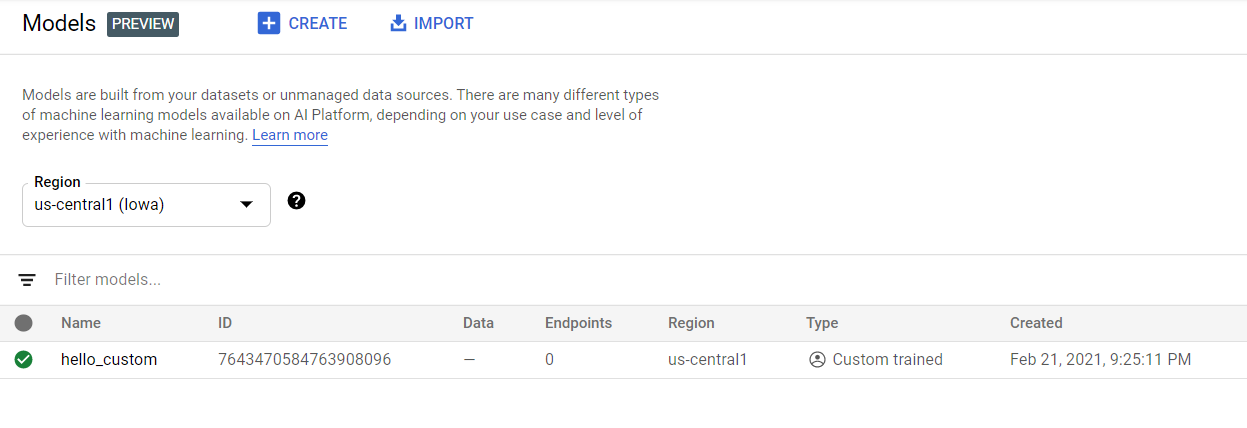
1. Created Custom Job



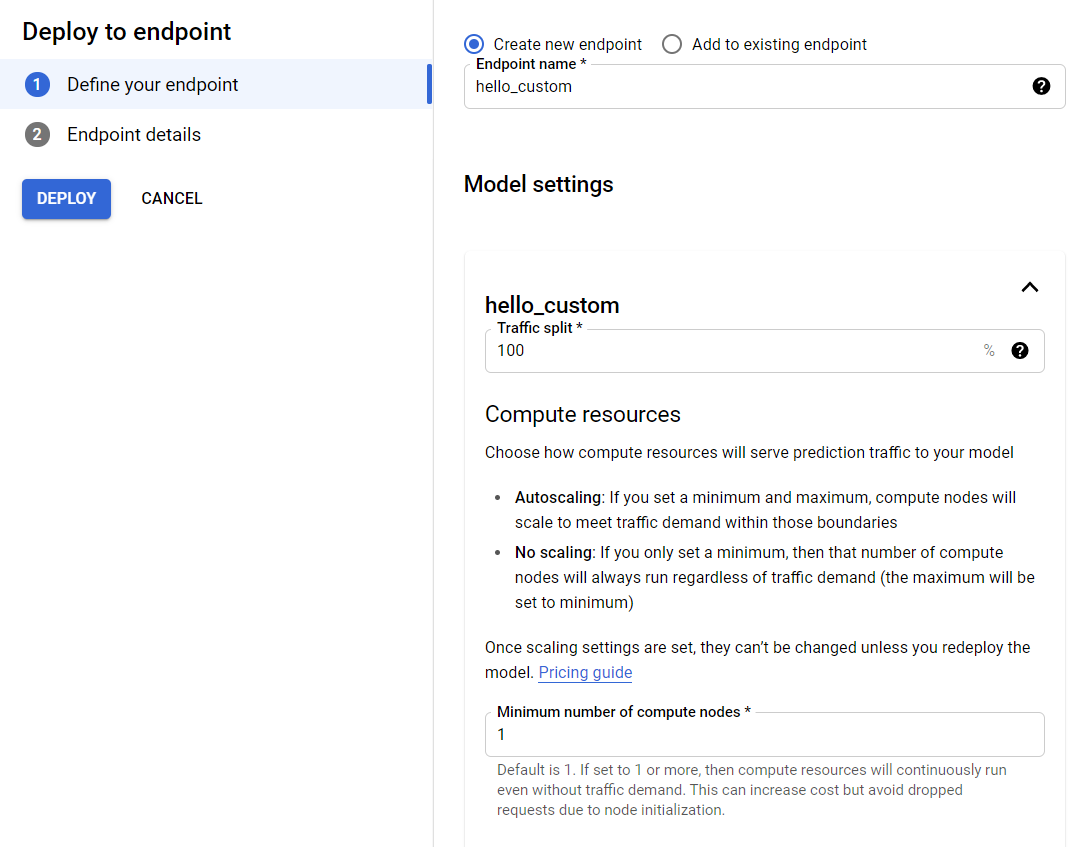
1. Custom Job Log

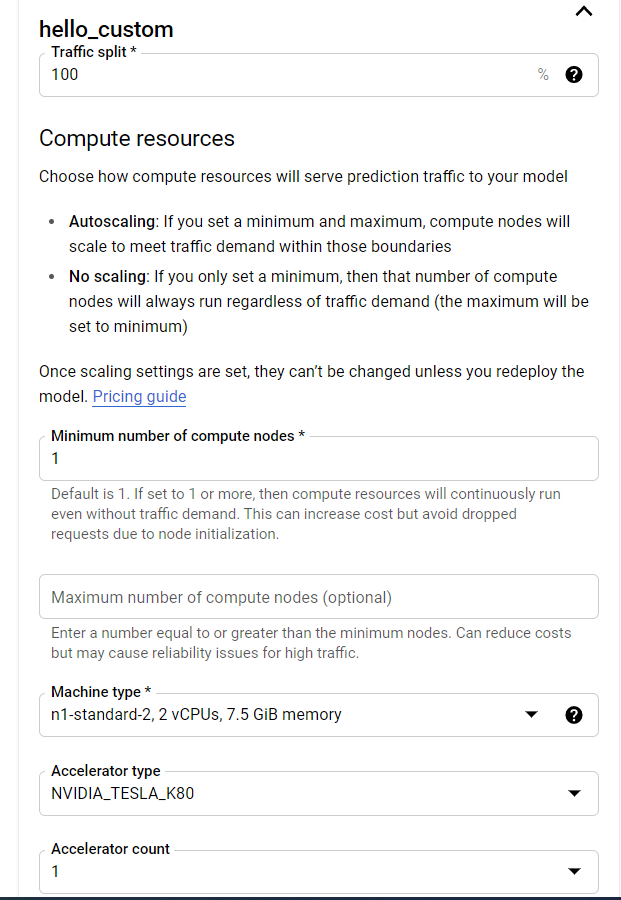


1. Model Created



1. Created Deployment Endpoint





1. From Sample Request Pan:

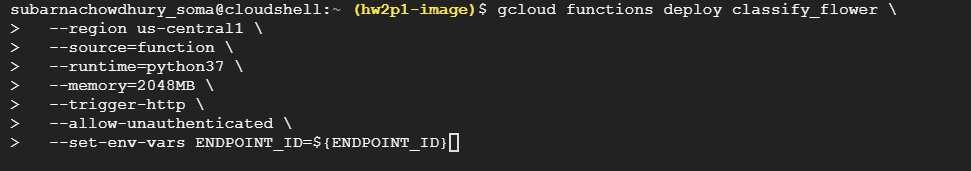
ENDPOINT\_ID="3689398072862834688"

PROJECT\_ID="hw2p1-image"

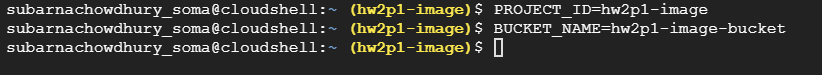
INPUT\_DATA\_FILE="INPUT-JSON"

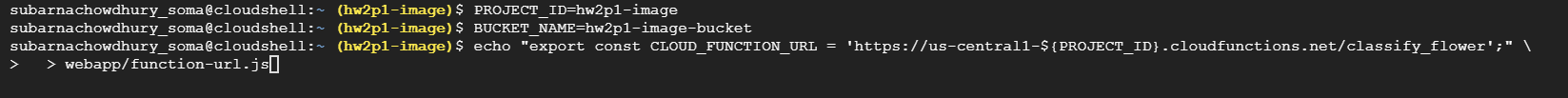


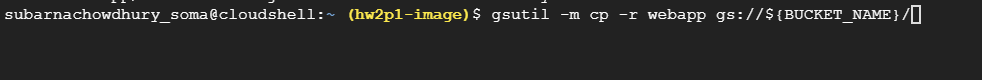
1. Deploying Cloud Function:



1. Web App deployment:

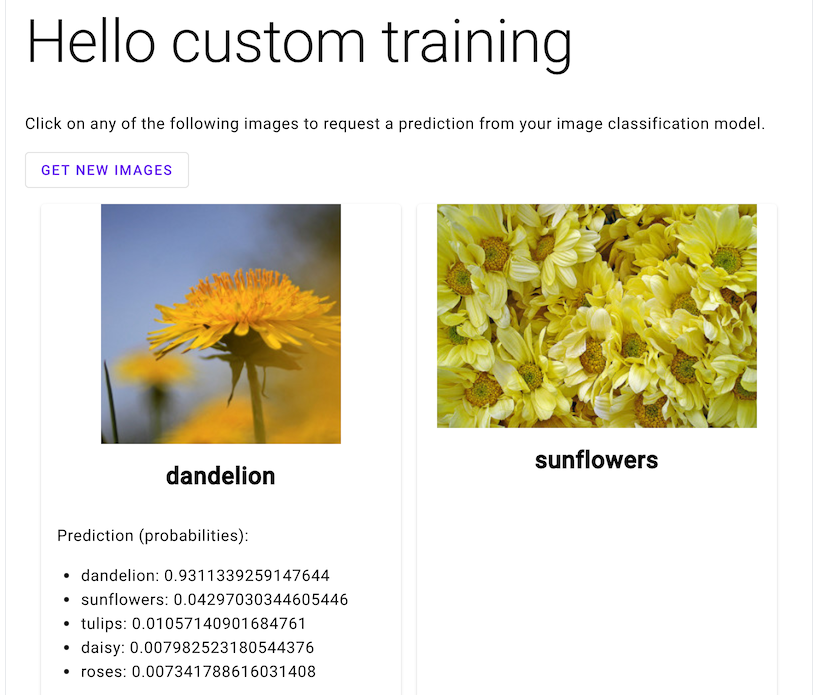








1. Prediction in web app: Navigate to this url: https://storage.googleapis.com/hw2p1-image-bucket/webapp/index.html



1. Deleted Bucket, function etc

