


CMPE 258 Homework 2

Google cloud started charging, so I had to deactivate my account. Before that I took screenshot of whatever I could.

Overall datasets and models created:

Get started with AI Platform

AI Platform empowers machine learning developers, data scientists, and data engineers to take their projects from ideation to deployment, quickly and cost-effectively. [Learn more](#)



Region
us-central1 (Iowa)

Recent datasets

✓ tabular_default

9 days ago

✓ untitled_1613976357229

9 days ago

✓ text_default

9 days ago

✓ image_default

9 days ago

+ CREATE DATASET

Recent models

✓ hello_custom

4 days ago

✓ text_default

Average precision: 0.956

8 days ago

✓ video_default_model

Average precision: 1

8 days ago

✓ image_default_flowers

Average precision: 0.993

9 days ago

+ TRAIN NEW MODEL

Get predictions

After you train a model, you can use it to get predictions, either online as an endpoint or through batch requests

+ CREATE BATCH PREDICTION

Default image dataset creation:

image_default

image_default_Lcn

IMPORT

BROWSE

ANALYZE

All3,667

Labeled3,667

Unlabeled0

Filter labels

+

daisy633

dandelion898

roses641

sunflowers697

tulips798

ADD NEW LABEL

Filter items

Select all

roses

daisy

tulips

daisy

sunflowers

dandelion

roses

sunflowers

roses

daisy

Training jobs and models

image_default_flowers

Model type: Image classification

Resume Training

TRAIN NEW MODEL

Labeling tasks

If your data still needs to be labeled, create a others label it for you

CREATE LABELING TASK

Default video data set creation

untitled_1613976357229

untitled_1613976357229_...

?

IMPORT

BROWSE

ANALYZE

All500

Labeled500

Unlabeled0

Filter labels

+

Videos

cartwheel100

golf100

kick_ball100

pullup100

ride_horse100

ADD NEW LABEL

Filter items

Select all

kick_ball

pullup

golf

golf

ride_horse

pullup

cartwheel

cartwheel

Training jobs and models

video_default_model

Model type: Video classification

TRAIN NEW MODEL

Labeling tasks

If your data still needs to be labeled, create a others label it for you

CREATE LABELING TASK

Default text data creation

text_default

text_default_tcn

?

IMPORT

BROWSE

ANALYZE

All11,947

Labeled11,947

Unlabeled0

Filter labels

+

achievement3,791

affection4,232

bonding1,303

enjoy_the_moment1,343

exercise172

leisure832

nature274

ADD NEW LABEL

Filter items

Text

Labels

My eldest son who is 27 just got word he has a new job after finishing his bache...achievement

I visited my best friend at her school on St. Patrick's day.bonding

My mom cooked some delicious rice for me with curd.affection

Today I make Eye contact with my crush. She Also look into my Eyes For a Seco...affection

I was dropping off my son for a sleepover. He was really excited to go. I droppe...affection

Dinner tonight was really good.leisure

I WENT TO MEENAKSHI AMMAN TEMPLE WITH MY FAMILY MEMBERS.affection

I got the test results back from my father's echo and neck arteries taken at the ...affection

I was selected as the winner for a random lottery drawing from an mturk hit. It ...achievement

My brother told me he got into med school!affection

Items per page: 10 1 - 10 of many

Training jobs and models

text_default

Model type: Text classification

TRAIN NEW MODEL

Labeling tasks

If your data still needs to be labeled, create a lab others label it for you

CREATE LABELING TASK

Tabular dataset creation failed even after trying several times

Tabular dataset fails

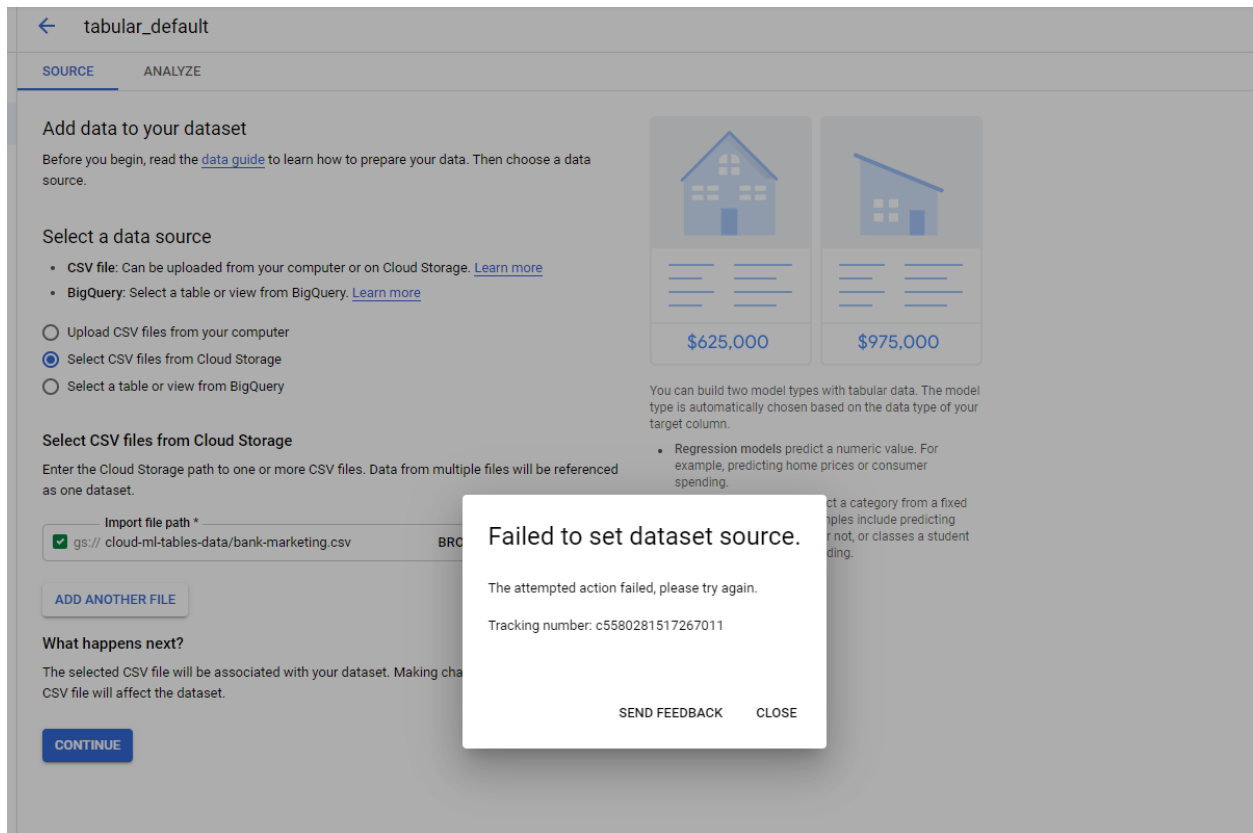
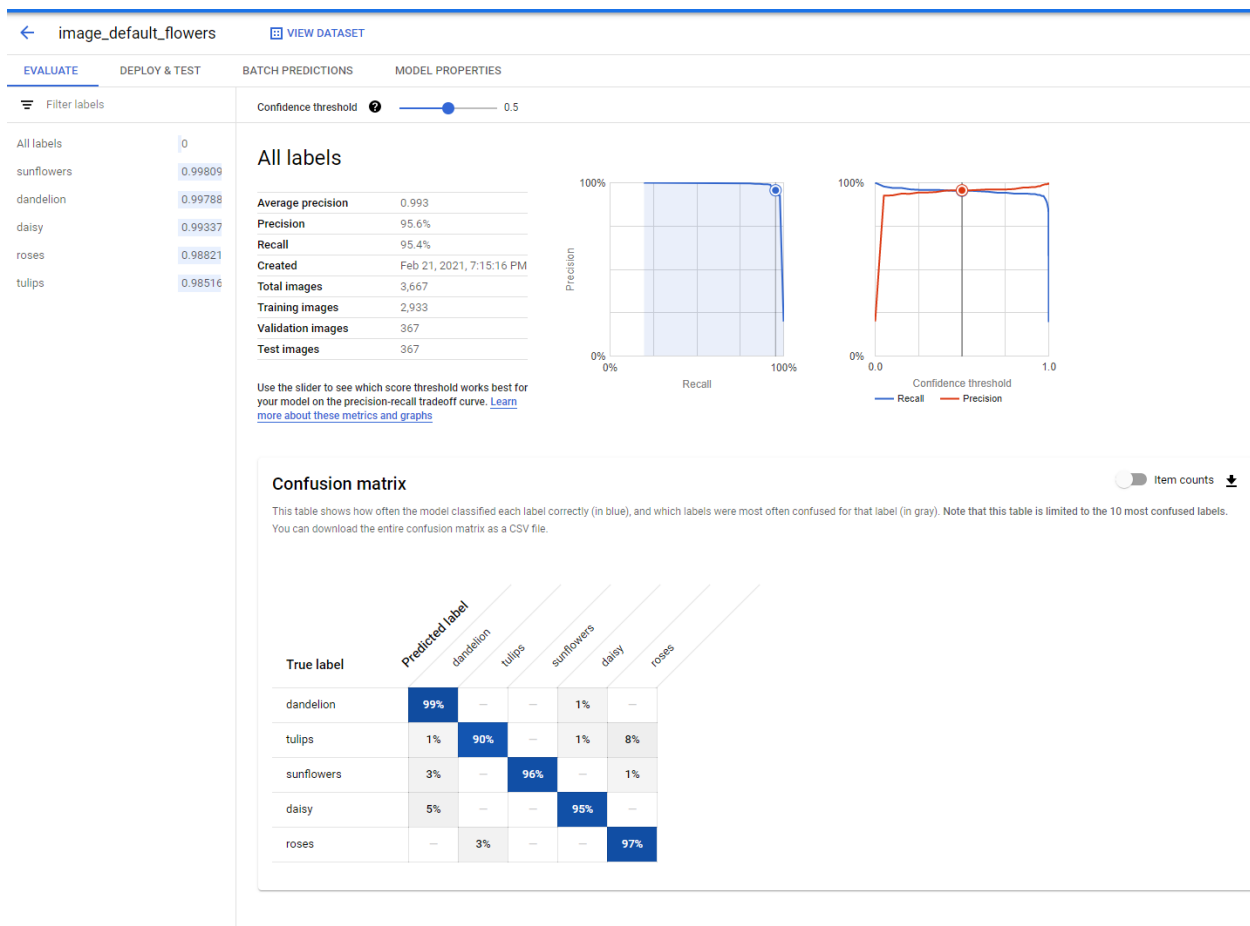
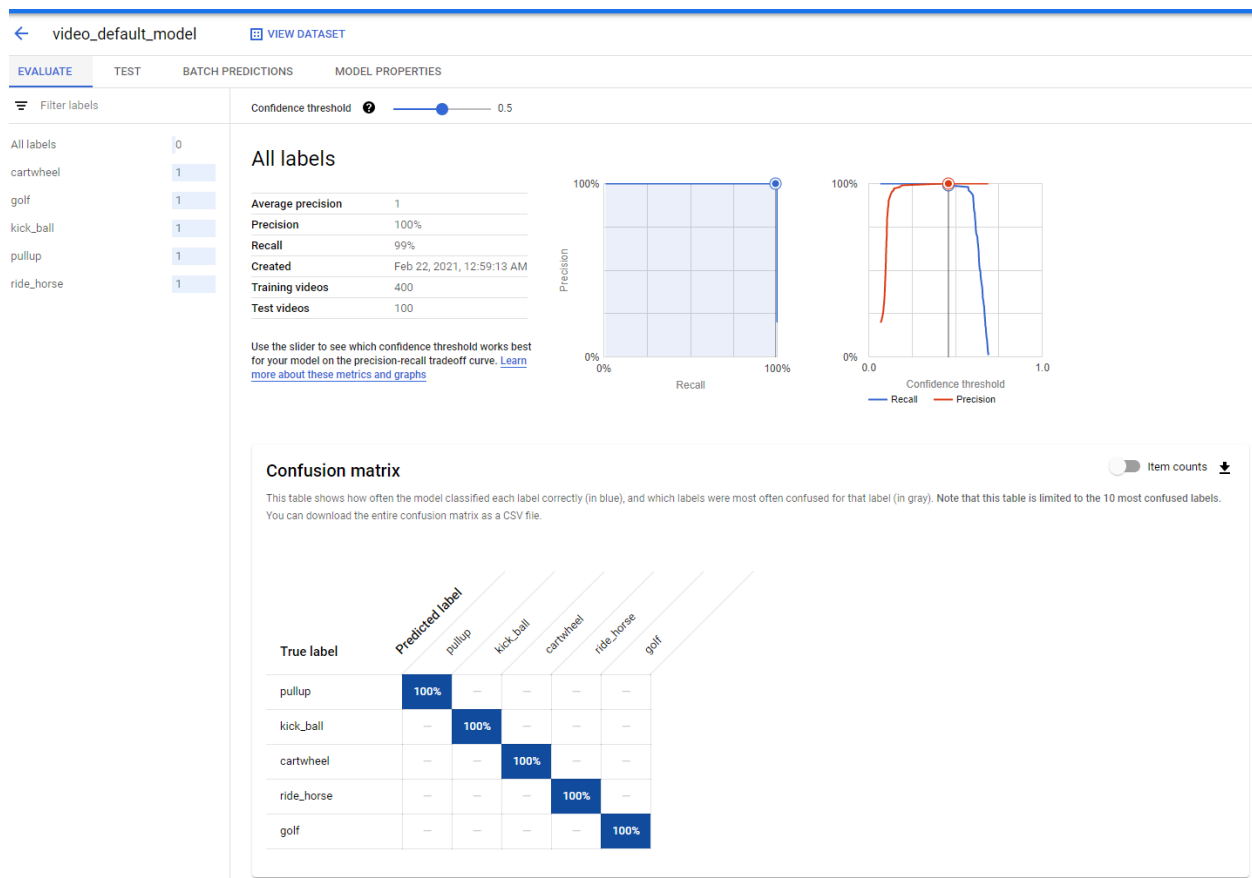
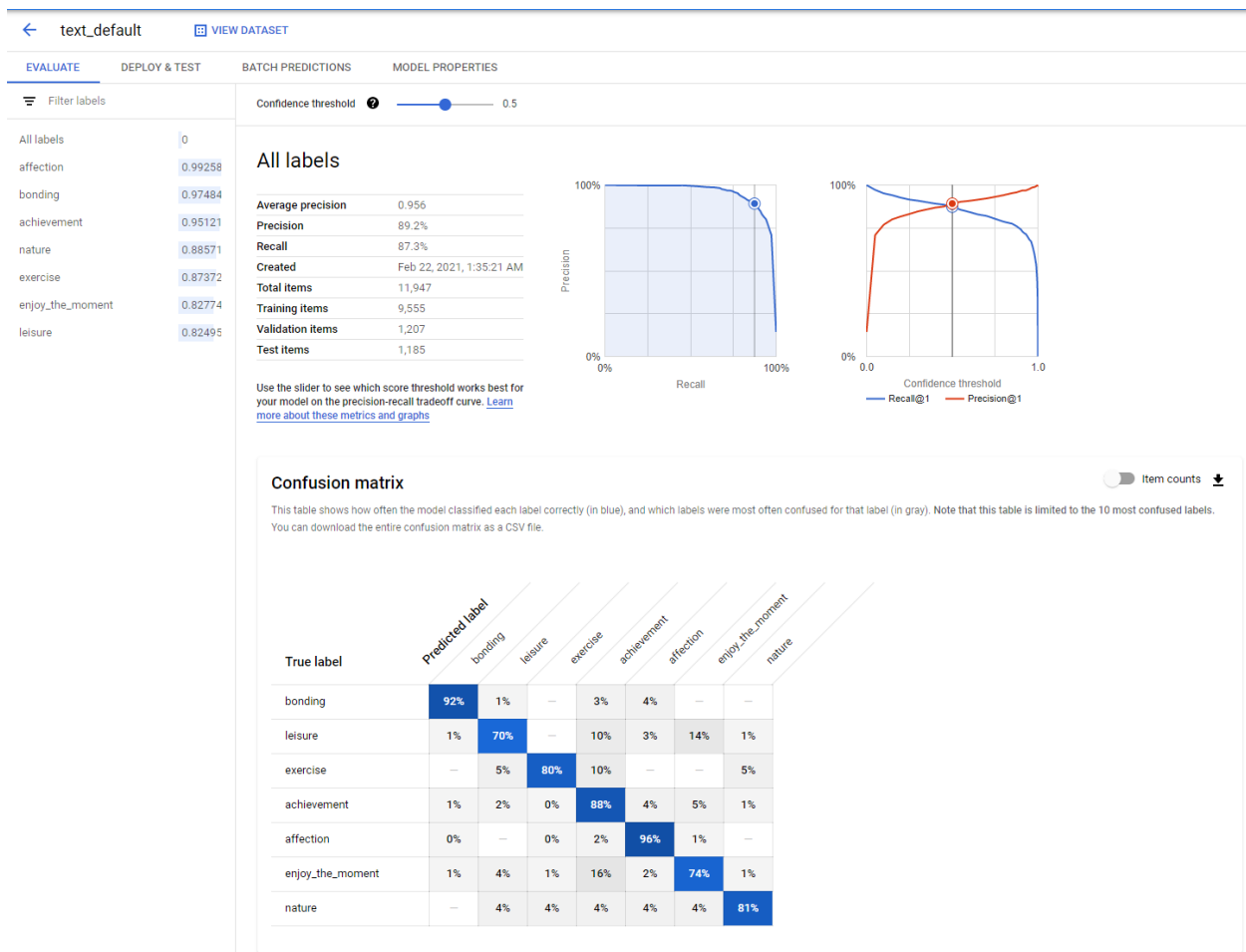


Image classification model:



Video classification model





Deployment:

Region us-central1 (Iowa)

Filter endpoints


Endpoint	ID	Models	Region	Last updated	API	Notification	Metadata
text_endpoint	6673455038460854272	1	us-central1	Mar 2, 2021, 3:41:01 PM	Sample request		
hello_custom	410636806648758272	1	us-central1	Mar 2, 2021, 3:34:22 PM	Sample request		
default_image_endpoint	4988686565359222784	1	us-central1	Feb 21, 2021, 10:08:12 PM	Sample request		

Image model deployment

Deploy your model

Endpoints are machine learning models made available for online prediction requests. Endpoints are useful for timely predictions from many users (for example, in response to an application request). You can also request batch predictions if you don't need immediate results.

DEPLOY TO ENDPOINT

Endpoint	ID	Models	Region	Last updated	API	Notification	Metadata	Encryption
 default_image_endpoint	4988686565359222784	1	us-central1	Feb 21, 2021, 10:08:12 PM	Sample request			Google-managed key

Test your model PREVIEW

UPLOAD IMAGE

Text model deployment




← text_endpoint

[EDIT SETTINGS](#)

[SAMPLE REQUEST](#)

Region
us-central1

Logs
[View Logs](#)

<input checked="" type="checkbox"/>		Model	Traffic split	Compute nodes	Type	Created ↑	
<input checked="" type="checkbox"/>		text_default	100%	Auto	Text classification	Mar 2, 2021, 3:35:26 PM	

DEPLOY ANOTHER MODEL

Chart interval: 1 hour 6 hours 12 hours 1 day 2 days 4 days 7 days 14 days 30 days

Custom AutoML model deployment




← hello_custom

[EDIT SETTINGS](#)

[SAMPLE REQUEST](#)

Region
us-central1

Logs
[View Logs](#)

<input checked="" type="checkbox"/>		Model	Traffic split	Compute nodes	Type	Created ↑	
<input checked="" type="checkbox"/>		hello_custom	100%	Manual	Custom trained	Mar 2, 2021, 3:34:07 PM	

DEPLOY ANOTHER MODEL