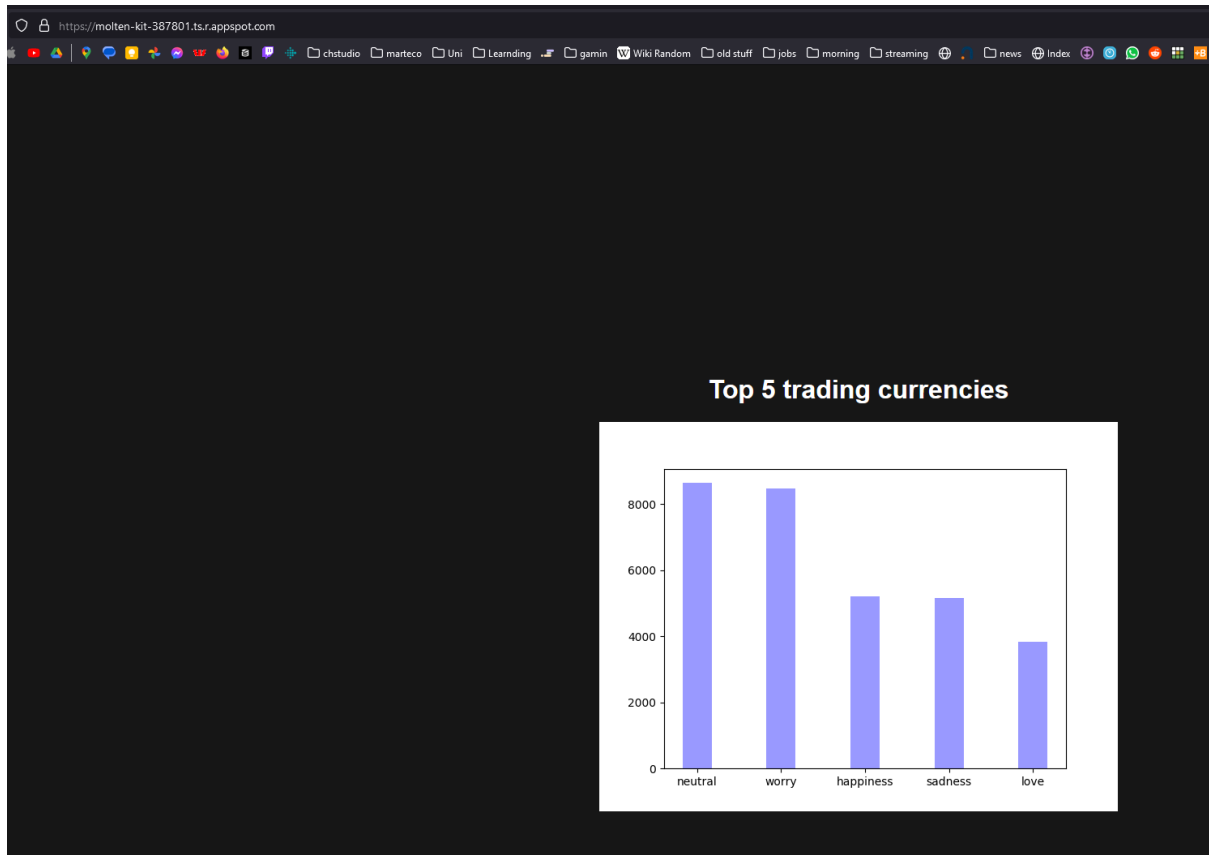


## Week 11 Workshop submission



Here you can see multiple instances running

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Compute Engine VM instances CREATE INSTANCE IMPORT VM REFRESH

Virtual machines INSTANCES OBSERVABILITY INSTANCE SCHEDULES

VM instances

Filter Enter property name or value

Status	Name	Zone	Recommendations	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>	<a href="#">cluster-spark-m</a>	australia-southeast1-a			10.152.0.7 (nec)	34.87.254.106 (nec)	SSH +
<input type="checkbox"/>	<a href="#">cluster-spark-w-0</a>	australia-southeast1-a			10.152.0.6 (nec)	34.161.82.148 (nec)	SSH +
<input type="checkbox"/>	<a href="#">cluster-spark-w-1</a>	australia-southeast1-a			10.152.0.8 (nec)	35.244.74.87 (nec)	SSH +
<input type="checkbox"/>	<a href="#">instance-1</a>	australia-southeast1-b			10.152.0.2 (nec)	35.197.173.134 (nec)	SSH +

Related actions

## The buckets

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**Try The New Cloud Storage Monitoring Dashboard**  
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**View security recommendations**  
Improve security by applying security recommendations to your buckets. The security insights column in the table describes which buckets have excess permissions.  
[VIEW IN TABLE](#) [LEARN MORE](#)

Filter	Name	Created	Location type	Location	Default storage class	Last modified	Public access	Access control	Protection	Lifecycle rules	Tags	Encryption
	<a href="#">asia-artifacts-mothen-k8-387801.appspot.com</a>	May 25, 2023, 12:59:14 PM	Multi-region	asia	Standard	May 25, 2023, 12:59:14 PM	Subject to object ACLs	Fine-grained	None	<a href="#">None</a>	—	Google-managed
	<a href="#">dataproc-staging-au-southeast1-587504</a>	May 25, 2023, 1:10:28 PM	Region	australia-southeast1	Standard	May 25, 2023, 1:10:28 PM	Subject to object ACLs	Fine-grained	None	<a href="#">None</a>	—	Google-managed
	<a href="#">dataproc-temp-au-southeast1-587504399</a>	May 25, 2023, 1:10:29 PM	Region	australia-southeast1	Standard	May 25, 2023, 1:10:29 PM	Subject to object ACLs	Fine-grained	None	<a href="#">1 rule</a>	—	Google-managed
	<a href="#">emotion_tweets_hartley</a>	May 25, 2023, 12:00:38 PM	Region	australia-southeast1	Standard	May 25, 2023, 12:10:51 PM	Not public	Uniform	None	<a href="#">None</a>	—	Google-managed
	<a href="#">mothen-k8-387801.appspot.com</a>	May 25, 2023, 12:57:39 PM	Region	australia-southeast1	Standard	May 25, 2023, 12:57:39 PM	Subject to object ACLs	Fine-grained	None	<a href="#">None</a>	—	Google-managed
	<a href="#">sparklearning_hartley</a>	May 25, 2023, 1:07:25 PM	Region	australia-southeast1	Standard	May 25, 2023, 1:07:25 PM	Not public	Uniform	None	<a href="#">None</a>	—	Google-managed
	<a href="#">staging-mothen-k8-387801.appspot.com</a>	May 25, 2023, 12:57:38 PM	Region	australia-southeast1	Standard	May 25, 2023, 12:57:38 PM	Subject to object ACLs	Fine-grained	None	<a href="#">1 rule</a>	—	Google-managed

## The dataproc cluster

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**Clusters**  
Search clusters, press Enter  
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Name	Status	Region	Zone	Total worker nodes	Scheduled deletion	Cloud Storage staging bucket	Created
<a href="#">cluster-spark</a>	Running	australia-southeast1	australia-southeast1-a	2	Off	<a href="#">dataproc-staging-au-southeast1-5875043997317-yduw7gpt</a>	May 25, 2023, 1:10:25 PM

PERMISSIONS

LABELS

Please select at least one resource.

## Page rank finished running

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dataproc

Search

DIAGNOSIS

ACTIVATION

Cloud Storage

Bucket details

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Buckets

Monitoring

Settings

sparklearning\_hartley

Location: australia-southeast1 (Sydney) | Storage class: Standard | Public access: Not public | Protection: None

[OBJECTS](#) [CONFIGURATION](#) [PERMISSIONS](#) [PROTECTION](#) [LIFECYCLE](#) [OBSERVABILITY](#) [INVENTORY REPORTS](#)

[Buckets](#) > [sparklearning\\_hartley](#)

[UPLOAD FILES](#) [UPLOAD FOLDER](#) [CREATE FOLDER](#) [TRANSFER DATA](#) [MANAGE HOLDS](#) [DOWNLOAD](#) [DELETE](#)

Filter by name prefix only

Filter: Filter objects and folders

Show deleted data

Name	Size	Type	Created	Storage class	Last modified	Public access	Version history	Encryption	Retention expiration date	Hold
<a href="#">hello_world.py</a>	151 B	text/x-python	May 25, 2023, 1:07:36 PM	Standard	May 25, 2023, 1:07:36 PM	Not public	—	Google-managed key	—	None
<a href="#">pagerank-1.py</a>	1.9 KB	text/x-python	May 25, 2023, 1:24:52 PM	Standard	May 25, 2023, 1:24:52 PM	Not public	—	Google-managed key	—	None
<a href="#">web-Stanford.txt</a>	31.4 MB	text/plain	May 25, 2023, 1:25:05 PM	Standard	May 25, 2023, 1:25:05 PM	Not public	—	Google-managed key	—	None

CLOUD SHELL

Terminal

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```
clusterName: cluster-spark
clusterSpec: 6226c0b-471-6d2a-b11a-ec07a6b0a3b3
projectId:
- gs://sparklearning_hartley/web-Stanford.txt
- 750
mainPythonFileId: gs://sparklearning_hartley/pagerank-1.py
resources:
  jobId: c647867a8b1cf85461a8b0c70236
  projectId: mothen-k8-387801
status:
  state: DONE
  stateStartTime: "2023-05-25T03:34:36.361577Z"
  stateEndTime:
  state: FINISHED
  stateStartTime: "2023-05-25T03:26:49.403972Z"
  state: RETRY_DONE
  stateStartTime: "2023-05-25T03:26:49.463892Z"
  details: Agent reported job success
  state: RUNNING
  stateStartTime: "2023-05-25T03:26:44.191072Z"
  stateEndTime:
  name: PythonPageRank
  progress: 1.0
  state: FINISHED
  stateEndTime: http://cluster-spark-m:8088/proxy/application_1694984331565_0002/
  callid: hartley228220a8e11: mothen-k8-387801
```