

Práctica de Ingest GCP

1. Crear un bucket regional standard en Finlandia llamado demo-bucket-edvai.
Crear un bucket multiregional standard en US llamado data-bucket-demo-1.

Name ↑	Created	Location type	Location	Default storage class ?
data-bucket-edvai	May 2, 2024, 3:54:38 PM	Multi-region	us	Standard
demo-bucket-demo-2	May 2, 2024, 4:00:08 PM	Region	europe-north1	Standard

Se crearon los buckets solicitados pero con otro nombre, cuando se intentaron crear con los nombres del enunciado se obtenia un error de que esos nombres ya estaban en uso.

2. Hacer ingest con la herramienta CLO Gsutil de 5 archivos csv en el bucket data-bucket-demo-1.

```
gsutil cp client_test.csv gs://demo-bucket-demo-1-deng
gsutil cp client_train.csv gs://demo-bucket-demo-1-deng
gsutil cp invoice_test.csv gs://demo-bucket-demo-1-deng
gsutil cp invoice_train.csv gs://demo-bucket-demo-1-deng
gsutil cp SampleSubmission.csv gs://demo-bucket-demo-1-deng
```

En el bucket demo-bucket-demo-1-deng en Google Cloud Storage se ve de la siguiente manera:

Buckets > demo-bucket-demo-2							
UPLOAD FILES UPLOAD FOLDER CREATE FOLDER TRANSFER DATA ▼ MANAGE HOLDS EDIT RETENTION DOWNLOAD DELETE							
Filter by name prefix only ▼ Filter objects and folders							
<input type="checkbox"/>	Name	Size	Type	Created ?	Storage class	Last modified	Public access ?
<input type="checkbox"/>	SampleSubmission.csv	2.1 MB	text/csv	May 2, 2024, 4:00:48 PM	Standard	May 2, 2024, 4:00:48 PM	Not public
<input type="checkbox"/>	client_test.csv	2.1 MB	text/csv	May 2, 2024, 4:00:50 PM	Standard	May 2, 2024, 4:00:50 PM	Not public
<input type="checkbox"/>	client_train.csv	5.7 MB	text/csv	May 2, 2024, 4:00:52 PM	Standard	May 2, 2024, 4:00:52 PM	Not public
<input type="checkbox"/>	invoice_test.csv	139.8 MB	text/csv	May 2, 2024, 4:00:59 PM	Standard	May 2, 2024, 4:00:59 PM	Not public
<input type="checkbox"/>	invoice_train.csv	328.4 MB	text/csv	May 2, 2024, 4:01:17 PM	Standard	May 2, 2024, 4:01:17 PM	Not public

3. Utilizar el servicio de storage transfer para crear un job que copie los archivos que se encuentran en data-bucket-demo-1 a demo-bucket-edvai.

ALL CLOUD-TO-CLOUD TO/FROM FILESYSTEMS									
<input type="checkbox"/>	Job ID	Description	Source type	Source	Destination type	Destination	Scheduling mode	Latest operation started	Latest operation status
<input type="checkbox"/>	18113222714454919536		Google Cloud Storage	demo-bucket-demo-1-d...	Google Cloud Storage	data-bucket-edvai	Batch (not recurring)	May 2, 2024, 3:55:15 PM	✔ Success

El bucket data-bucket-edvai en Google Cloud Storage se ve de la siguiente manera:

Buckets > data-bucket-edvai							
UPLOAD FILES UPLOAD FOLDER CREATE FOLDER TRANSFER DATA ▼ MANAGE HOLDS EDIT RETENTION DOWNLOAD DELETE							
Filter by name prefix only ▼ Filter objects and folders							
<input type="checkbox"/>	Name	Size	Type	Created ?	Storage class	Last modified	Public access ?
<input type="checkbox"/>	SampleSubmission.csv	2.1 MB	text/csv	May 2, 2024, 3:55:26 PM	Standard	May 2, 2024, 3:55:26 PM	Not public
<input type="checkbox"/>	client_test.csv	2.1 MB	text/csv	May 2, 2024, 3:55:29 PM	Standard	May 2, 2024, 3:55:29 PM	Not public
<input type="checkbox"/>	client_train.csv	5.7 MB	text/csv	May 2, 2024, 3:55:30 PM	Standard	May 2, 2024, 3:55:30 PM	Not public
<input type="checkbox"/>	invoice_test.csv	139.8 MB	text/csv	May 2, 2024, 3:55:26 PM	Standard	May 2, 2024, 3:55:26 PM	Not public
<input type="checkbox"/>	invoice_train.csv	328.4 MB	text/csv	May 2, 2024, 3:55:28 PM	Standard	May 2, 2024, 3:55:28 PM	Not public