📖 07-cleanup.md

About

This module includes the cleanup of resources created for the lab.

0. Prerequisites

1. GCP Project Details

Note the project number and project ID.
We will need this for the rest fo the lab

2. Attach cloud shell to your project.

Open Cloud shell or navigate to shell.cloud.google.com
Run the below command to set the project in the cloud shell terminal:

```
gcloud config set project $PROJECT_ID
```

1. Declare variables

We will use these throughout the lab.
Run the below in cloud shells coped to the project you selected-

```
PROJECT_ID= #Project ID
REGION= #Region to be used
BUCKET_PHS= #Bucket name for Persistent History Server
BUCKET_CODE =  #GCP bucket where our code, data and model files will be stored
BQ_DATASET_NAME = #BigQuery dataset where all the tables will be stored
PHS_NAME = # Spark Persistent History Server name
```

2. Delete buckets

Follow the commands to delete the following buckets

1. Bucket attached to spark history server
2. Bucket with code files

```
gcloud alpha storage rm --recursive gs://$BUCKET_PHS
gcloud alpha storage rm --recursive gs://$BUCKET_CODE
```

3. Delete Spark Persistent History Server

Run the below command to delete Spark PHS

```
gcloud dataproc clusters delete $PHS_NAME \
  --region=${REGION}
```

4. Delete BQ Dataset

Run the below command to delete BQ dataset and all the tables within the dataset

```
gcloud alpha bq datasets delete $BQ_DATASET_NAME \
--remove-tables
```

5. Delete Composer

step 1:Run the below command to delete composer environment

```
gcloud composer environments delete ENVIRONMENT_NAME \
--location LOCATION
```

step 2: Delete the persistent disk of your environment's Redis queue. Deleting the Cloud Composer environment does not delete its persistent disk. To delete your environment's persistent disk:

```
gcloud compute disks delete PD_NAME \
--region=PD_LOCATION
```

PD_NAME --> name of the persistent disk for your environment PD_LOCATION --> the location of the persistent disk. For example, the location can be [us-central1-a] .