

04-create-bigquery-dataset.md

About

This module includes all the steps for creating a BigQuery dataset and uploading data to BigQuery tables-

[1. Declare variables](#)

[2. BigQuery Dataset Creation](#)

0. Prerequisites

1. Create a project new project or select an existing project.

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

2. IAM Roles needed to execute the prereqs

- BigQuery Data Editor

3. Attach cloud shell to your project.

Open Cloud shell or navigate to shell.cloud.google.com Run the below

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

1. Declare variables

We will use these throughout the lab.

Run the below in cloud shells copied to the project you selected-

```
PROJECT_ID=$(gcloud config get-value project) = #current GCP project where we are building our use case  
BQ_DATASET_NAME = #BigQuery dataset to be created
```

2. BigQuery Dataset Creation

We need to create a dataset for the tables to be created after the batch successful execution In Cloud Shell, use the bq mk command to create a dataset under the current project using the following command:

```
bq mk $BQ_DATASET_NAME
```