

## 📖 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](https://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
```