



Figure 38-11. Preview of loaded table

The bq Command-Line Utility

Let’s go through some useful commands on the Cloud Shell terminal with the ‘bq’ utility:

- List the projects that can be accessed.

```
bq ls -p

projectId      friendlyName
-----
secret-country-192905  My First Project
```

- List datasets in the default project.

```
bq ls

datasetId
-----
crypto_data
```

- List tables in a Dataset.

```
bq ls crypto_data
```

tableId	Type	Labels	Time Partitioning
markets	TABLE		

- List the recent executed jobs. This includes both load jobs and queries executed.

```
bq ls -j
```

jobId	Job Type	State	Start Time	Duration
bquxjob_767fb332_16625172a52	load	SUCCESS	29 Sep 07:29:27	0:00:10
bquxjob_2a33184c_16625141949	load	SUCCESS	29 Sep 07:26:06	0:00:13
bquxjob_582a116b_16624b3717a	query	SUCCESS	29 Sep 05:41:20	0:00:01
bquxjob_7b18cd73_16624a0f378	query	SUCCESS	29 Sep 05:40:32	0:00:01

Loading Data Using the Command-Line bq Utility

The following commands walk through loading a dataset into BigQuery using the bq utility via the terminal:

- Create a new Dataset.

```
bq mk crypto_data_terminal
```

Dataset 'secret-country-192905:crypto_data_terminal' successfully created.

- List the datasets to confirm creation of new Dataset.

```
bq ls
```

datasetId
crypto_data
crypto_data_terminal