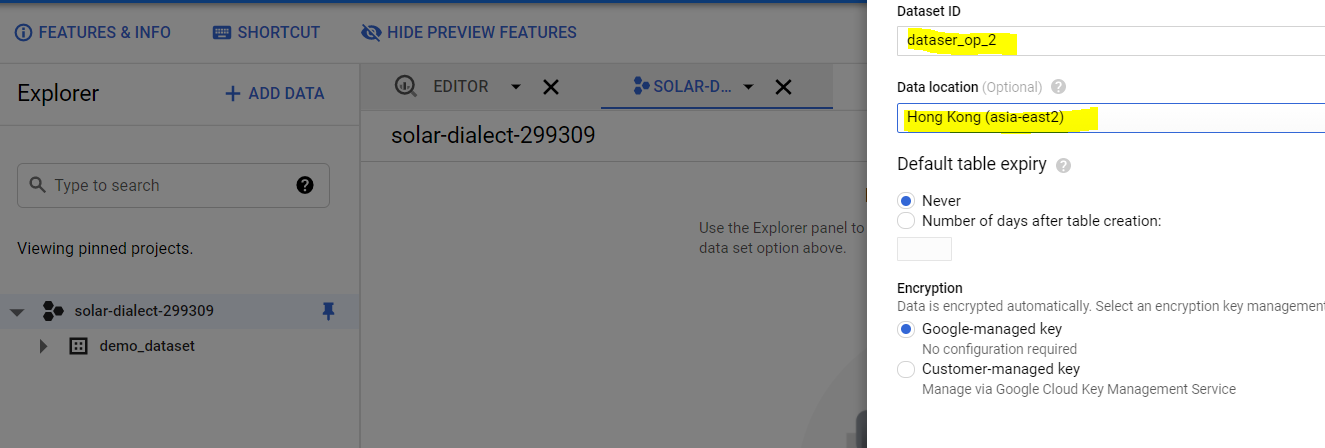
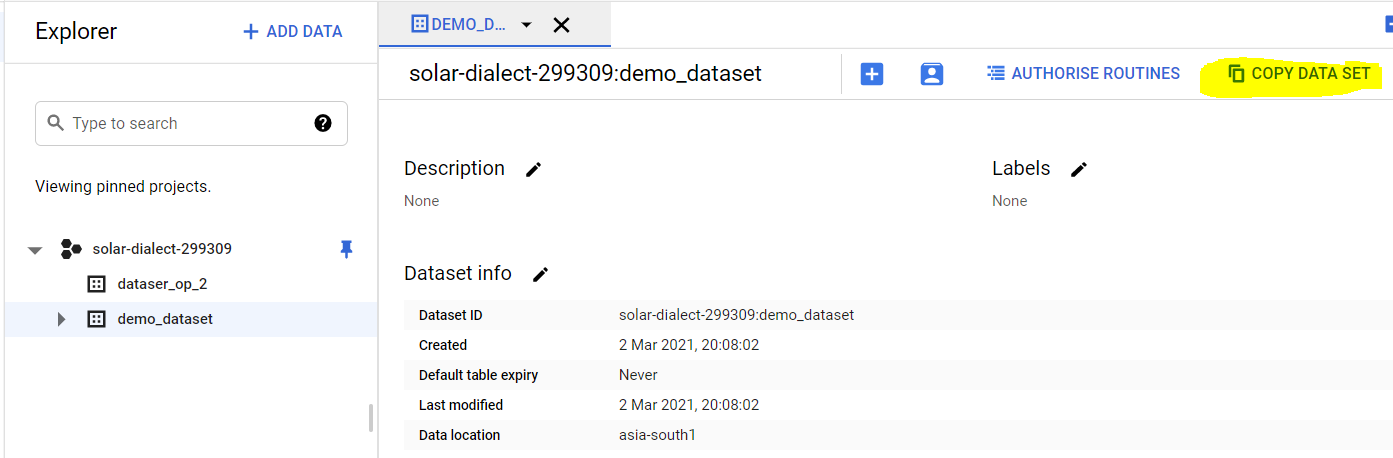
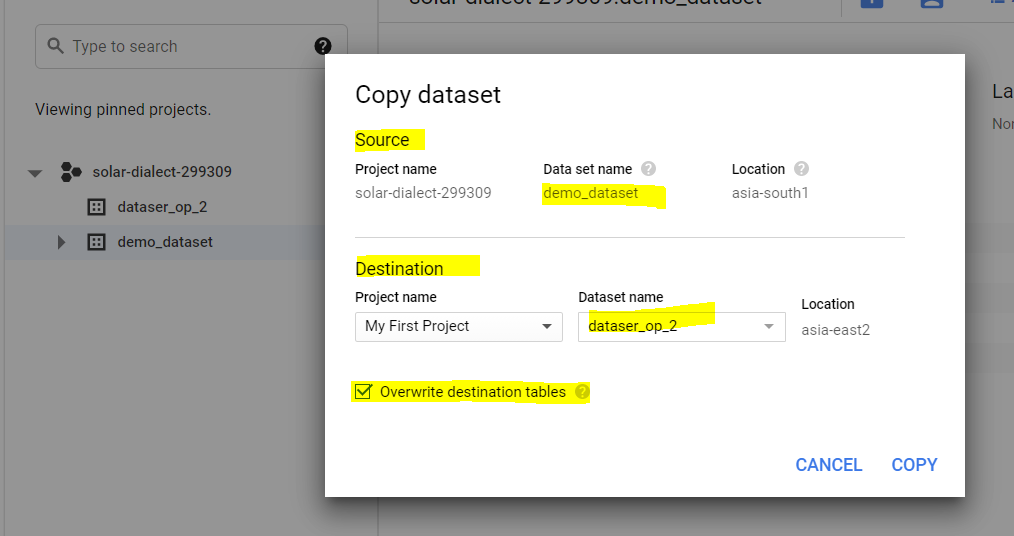
**Dataset operations 🡪 Copying dataset**

Create a dataset in different regions



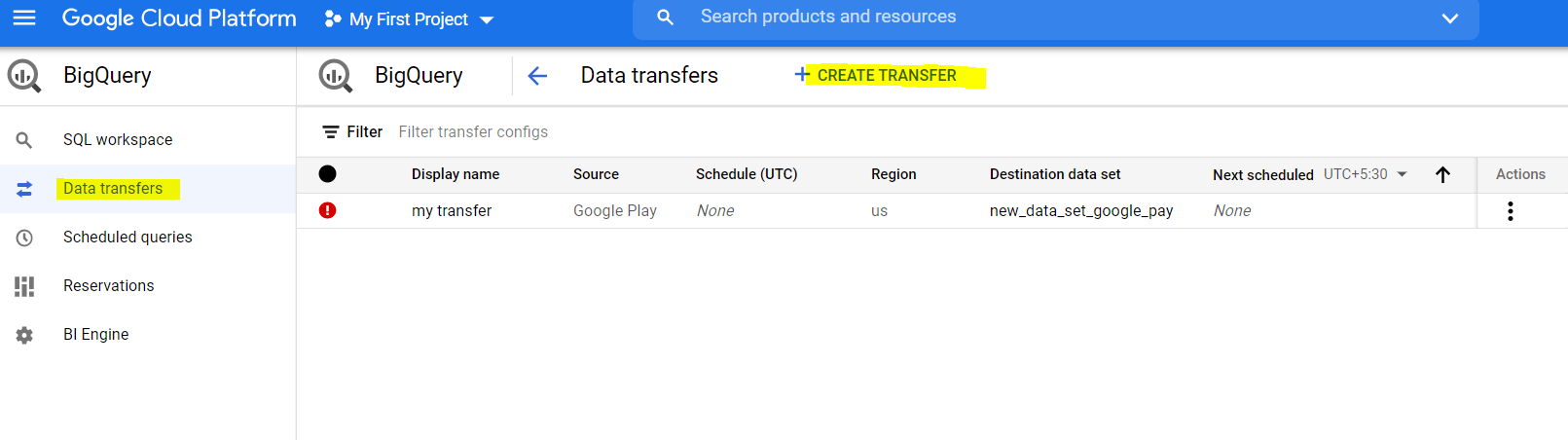
Now, I want to copy existing dataset ‘demo\_dataset’ to newly created dataset.

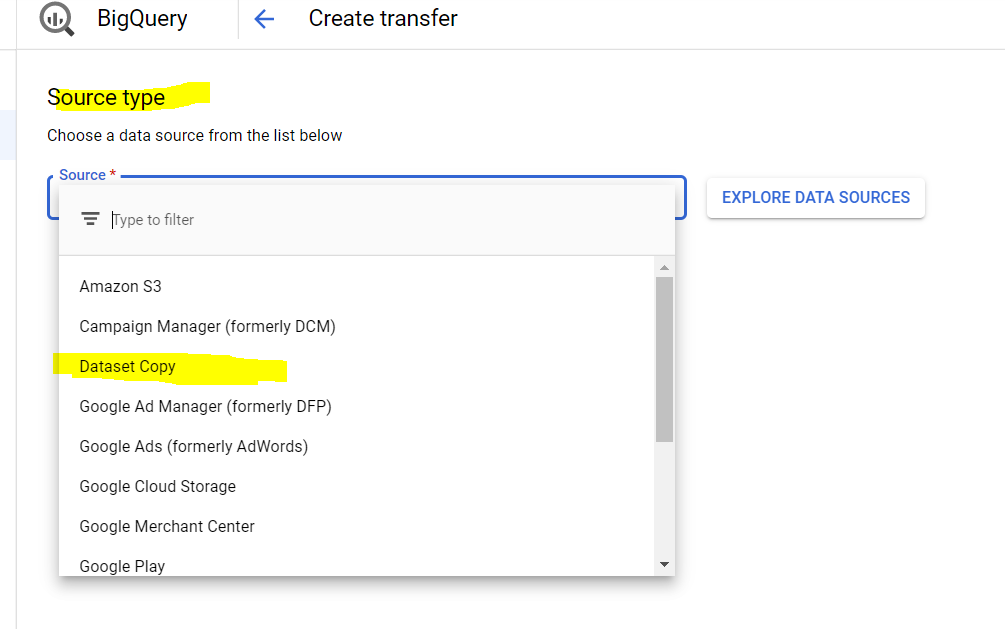


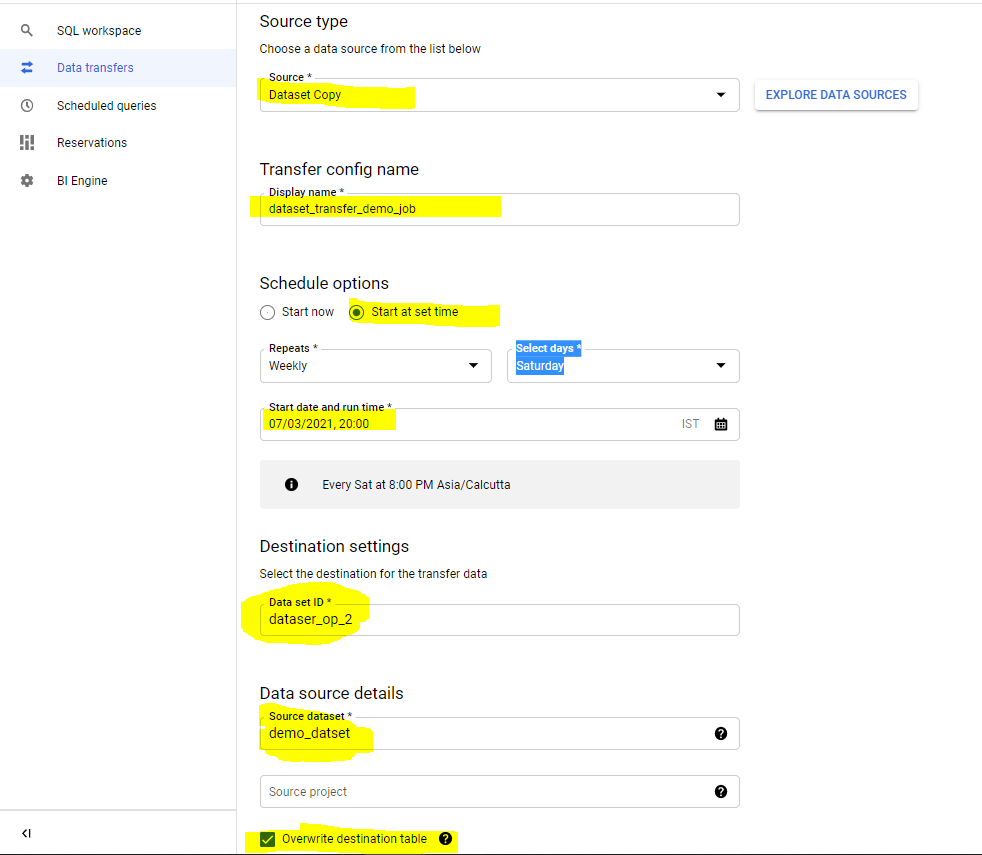


Source is automatically populated. You can specify destination dataset name. If tables with same name exists in datasets, you can overwrite them.

You can also set a job, that will run at given time to copy dataset. You must enable BQ data transfer API for this.

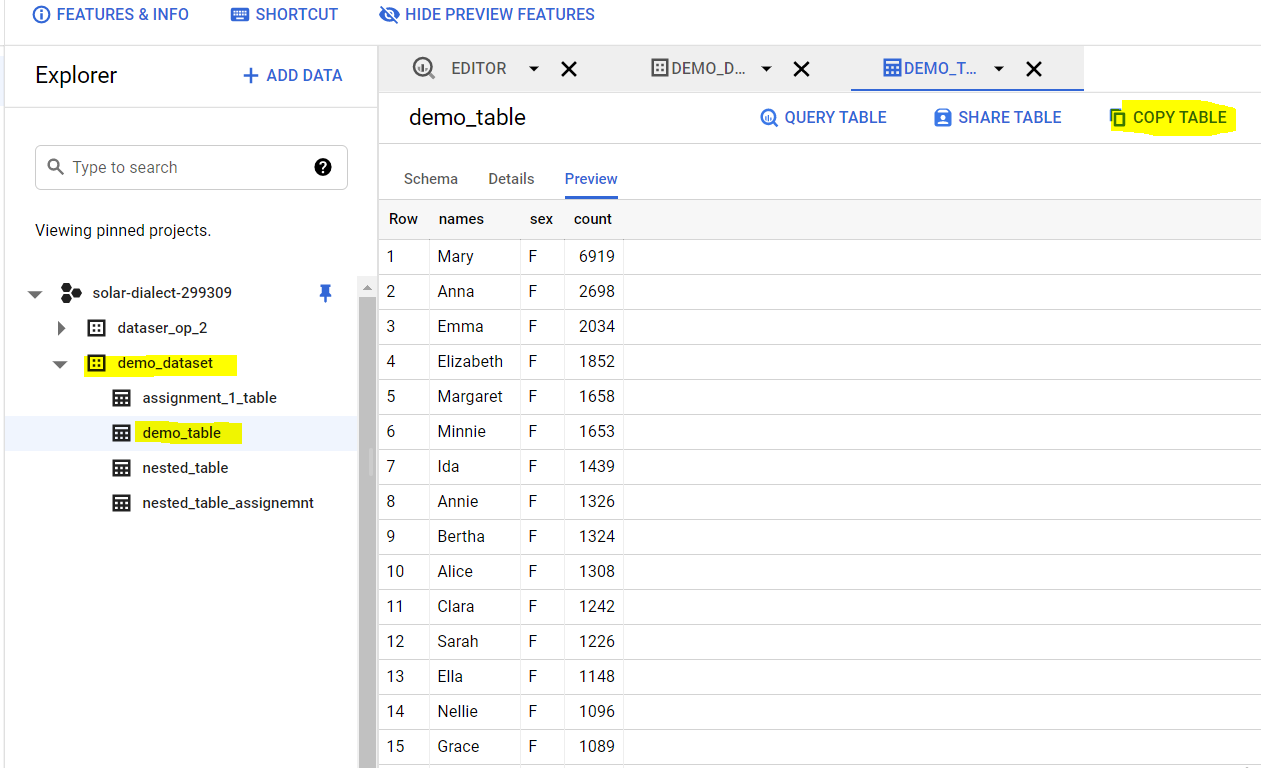


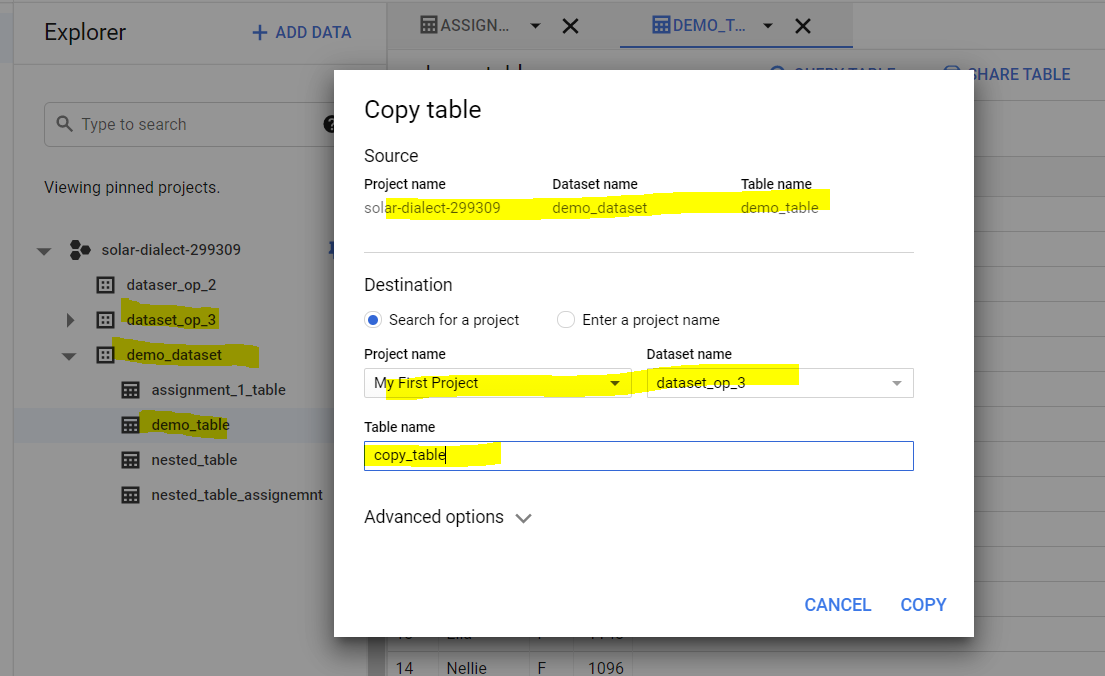


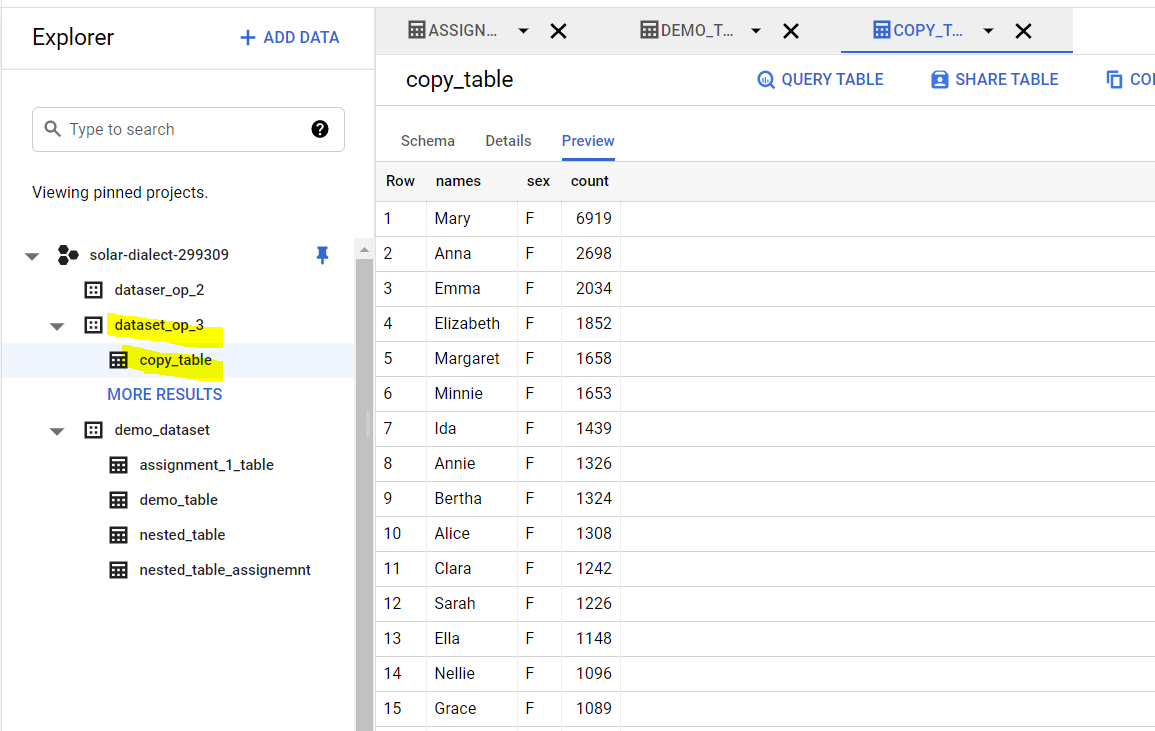


**Table operations**

Copying a table







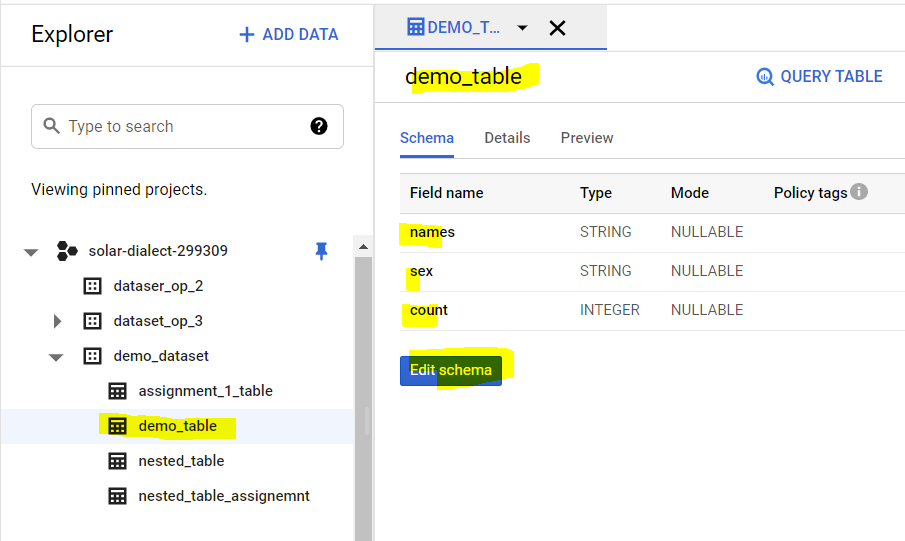
**Important note 🡪 Both dataset should be in same region if we are copying Table/schema.**

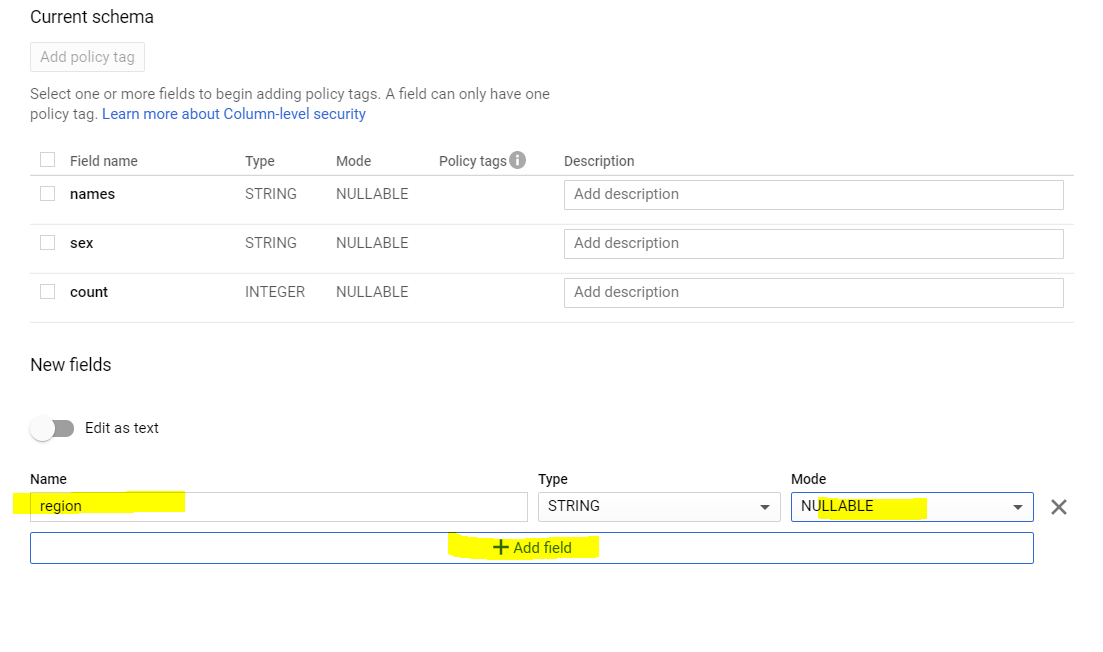
Demo\_dataset and Dataset\_op\_3 both are in same region (Mumbai).

Table/Schema change 🡪

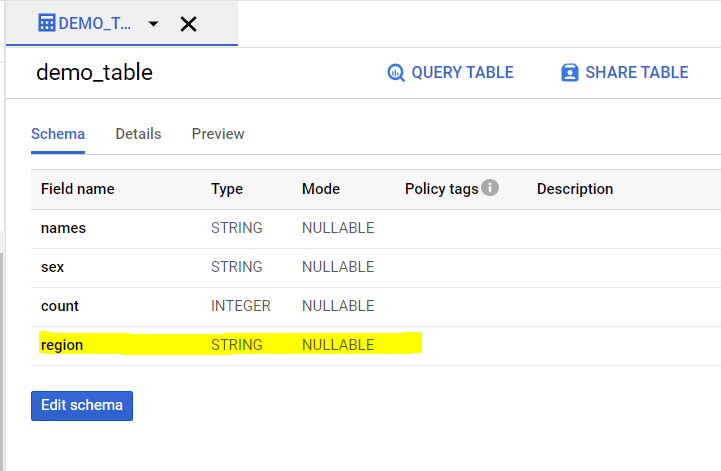
1. Native schema changes
   1. Adding a column
   2. Required to Nullable
2. Manual schema changes

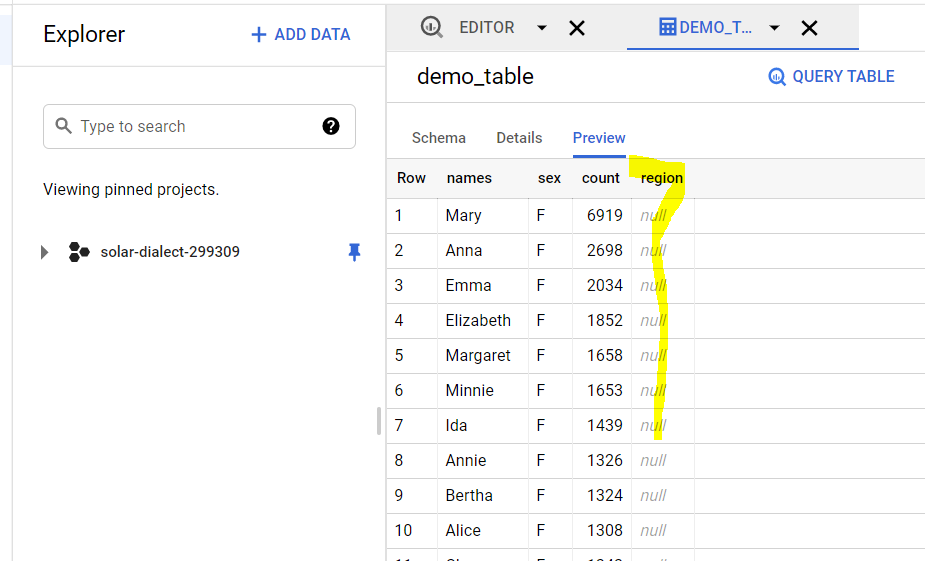
1 a. Adding Column





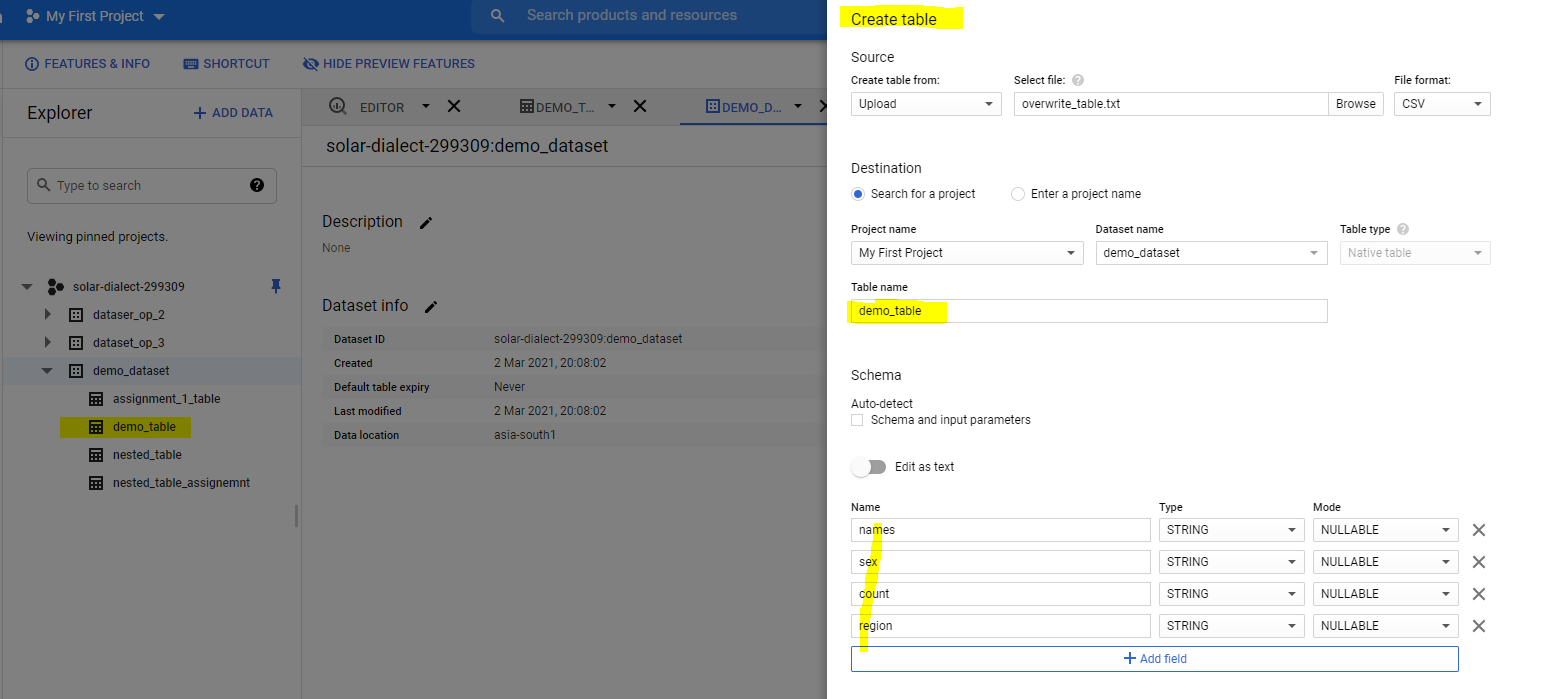
You can add new column as ‘Nullable’ or ‘Repeated’. ‘REQUIRED’ mode can not be for ne column to existing through UI. From CLI, you can do it.

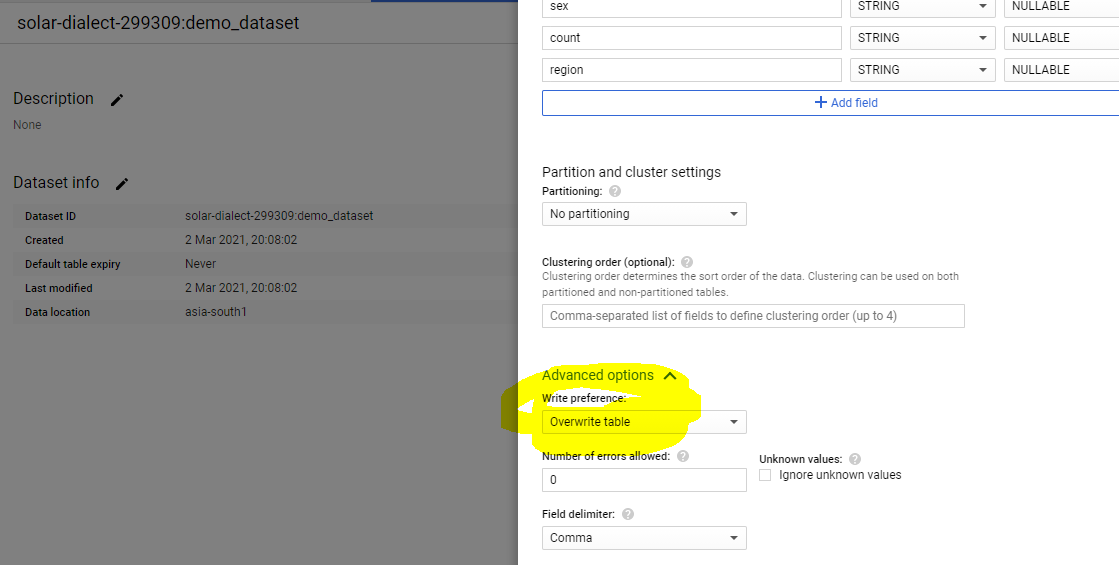




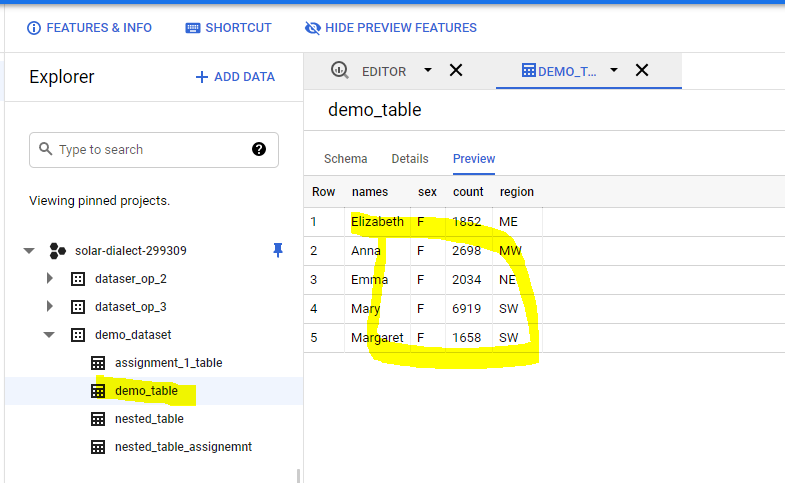
‘NULL’ values are populated to new column created.

If you want to UPDATE table, you can create table with same name and choose ‘overwrite’ option. This will update all table content.





Existing table is overwritten



You get option like – overwrite or append. In append, new values will be added to existing table.