

Lab Objective: Create our first table & load with data

This lab will walk you through creation of a database and a table in that database. You will then load the table with sample data from cloud storage. Please follow the steps below.

1. Create a new database in your Snowflake instance by the name of hello_world

```
CREATE DATABASE hello_world;
```

2. In the hello_world database, create a new table by the name of customer. The customer table should have the following columns.

- a. Customer_ID NUMBER
- b. Name STRING
- c. Address STRING,
- d. City STRING,
- e. Zip STRING,
- f. Country STRING

```
CREATE TABLE customer
(
  Customer_ID NUMBER,
  Name STRING,
  Address STRING,
  City STRING,
  Zip STRING,
  Country STRING
);
```

3. Sample data for the customer table is present in an S3 bucket. You can view the sample file at <https://snowpro-core-getting-started.s3.amazonaws.com/customers.csv>.

The S3 URL to access the data directly from Snowflake will be <s3://snowpro-core-getting-started/customers.csv>

4. Load the data into the customer table from the S3 bucket.

```
COPY INTO customer
FROM s3://snowpro-core-getting-started/customers.csv
FILE_FORMAT = (TYPE = csv FIELD_DELIMITER = ',' FIELD_OPTIONALLY_ENCLOSED_BY = ''' SKIP_HEADER = 1);
```

5. Select the loaded rows to validate that data loaded successfully

```
SELECT * FROM customer;
```