

CSV-COMMON SEPARATED VALUES

By using command prompt in snowsql integrated with snowflake

Step-1 create database nest_data:

```
C:\Users\admin>snowsql -v
Version: 1.4.5

C:\Users\admin>snowsql -a FSBBSTN-IH05083 -u ROSHINI
Password:
* SnowSQL * v1.4.5
Type SQL statements or !help
ROSHINI#COMPUTE_WH@(no database).(no schema)>create database nest_data;
| status
+-----+
| Database NEST_DATA successfully created.
+-----+
```

Step-2 create schema csv_schema;

```
ROSHINI#COMPUTE_WH@NEST_DATA.NESTSCHEMA>create schema csv_schema;
+-----+
| status
+-----+
| Schema CSV_SCHEMA successfully created.
+-----+
```

Step-3 create table csv_table(id int,name varchar(100),dept varchar(100),email varchar(100));

Step-4 create or replace stage stage_csv;

Step-5 put 'file://C:/snow_assignment1/employee-1.csv' @stage_csv;

Step-6 CREATE OR REPLACE FILE FORMAT csv_flatfile TYPE = 'CSV'
FIELD_DELIMITER = SKIP_HEADER = 1;

```
1 Row(s) produced. Time Elapsed: 0.658s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>create table csv_table(id int,name varchar(100),dept varchar(100),email varchar(100));
+-----+
| status
+-----+
| Table CSV_TABLE successfully created.
+-----+
1 Row(s) produced. Time Elapsed: 0.394s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>create or replace stage stage_csv;
+-----+
| status
+-----+
| Stage area STAGE_CSV successfully created.
+-----+
1 Row(s) produced. Time Elapsed: 0.237s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>put 'file://C:/snow_assignment1/employee-1.csv' @stage_csv;
+-----+
| source      | target      | source_size | target_size | source_compression | target_compression | status    | message   |
| employee-1.csv | employee-1.csv.gz | 125 | 128 | NONE | GZIP | UPLOADED |
+-----+
1 Row(s) produced. Time Elapsed: 1.014s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>CREATE OR REPLACE FILE FORMAT csv_flatfile
                                         TYPE = 'CSV'
                                         FIELD_DELIMITER = ','
                                         SKIP_HEADER = 1;
+-----+
| status
+-----+
| File format CSV_FLATFILE successfully created.
+-----+
```

Step-7 COPY INTO CSV_TABLE

```
    FROM @stage_csv/employee-1.csv
    FILE_FORMAT = (FORMAT_NAME = CSV_FLATFILE)
    ON_ERROR = 'CONTINUE';
```

Step-8 select * from CSV_TABLE;

```
1 Row(s) produced. Time Elapsed: 0.159s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>COPY INTO CSV_TABLE
    FROM @stage_csv/employee-1.csv
    FILE_FORMAT = (FORMAT_NAME = CSV_FLATFILE)
    ON_ERROR = 'CONTINUE';
+-----+-----+-----+-----+-----+-----+
| file | status | rows_parsed | rows_loaded | error_limit | errors_seen | first_error
|-----+-----+-----+-----+-----+-----+
| stage_csv/employee-1.csv.gz | PARTIALLY_LOADED | 5 | 4 | 5 | 1 | Numeric value 'ID' is not
recognized | 2 | 1 | "CSV_TABLE"[{"ID":1} | |
+-----+-----+-----+-----+-----+-----+
1 Row(s) produced. Time Elapsed: 0.856s
ROSHINI#COMPUTE_WH@NEST_DATA.CSV_SCHEMA>select * from CSV_TABLE;
+-----+
| ID | NAME | DEPT | EMAIL |
+-----+
| 1 | John | Sales | John@gmail.com |
| 2 | Jane | HR | Jane@gmail.com |
| 3 | Mike | IT | mike@gmail.com |
| 4 | Jai | Mech | Jai@gmail.com |
+-----+
```