



Simple Upload of CSV in a Snowflake table.

To upload a CSV file into a Snowflake table using Snowsight, follow these steps:

1. Log in to Snowsight

▼ Login Page

▼ Snowflake Accounts

BUSSYS PROD - [DT_BUSINESSSSYSTEMS_DW](#)
BUSSYS NON PROD - [DT_DEVBUSINESSSYSTEMS_DW](#)
MARKETING - [DT_MARKETING_DW](#)
PEOPLE & CULTURE - [DT_PEOPLEANDCULTURE_DW](#)
SANDBOX - [DT_SANDBOX_DW](#)

Find more details about Snowflake Account [here](#).

2. Navigate to desired database and schema



File can be uploaded in the SANDBOX database, any schemas but ideally to the UPLOAD schema or in the RAW_<ENV> database, UPLOAD schema only.

▼ Navigate to Database and Schema

The screenshot shows the Snowflake web interface. On the left sidebar, the 'Databases' menu item is highlighted with a red callout '1'. In the main pane, the 'RAW_PRD' database is expanded, and the 'UPLOAD' schema is selected with a red callout '2'. The right pane shows the 'RAW_PRD / UPLOAD' schema details, including a 'Privileges' section with a table of roles and their permissions.

Role	Privileges
BUSSYS... (Current Role)	CREATE TABLE, USAGE
BUSSYS_OPERATIO...	OWNERSHIP

3. If target table doesn't exist, create the target table otherwise select the target table.

Part 1 - Click the 'Create' button, select 'Table' and 'Standard'.

Part 2 - Using standard SQL, create the table. Columns need to match the order of the columns in the CSV file. Name can be different. Enter table code, then click 'Create Table' button.

▼ Create Table - Part 1

Thierry Krumeich
BUSSYS_DEVELOP...

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DYNATRACE_DIGITAL_BUSINESS_SHAR...

PROD_DB

RAW_PRD

ANAPLAN

INFORMATION_SCHEMA

NETSUITE

SALESFORCE

SALESFORCE_DPS_INT

TOTANGO

UPLOAD

No Objects found

ZENDESK

SANDBOX

DBT_ERICMA

DBT_INDRANILKONAR

DBT_SYERRAPALLIHARINATH

DBT_THIERRYKRUMEICH

INFORMATION_SCHEMA

PUBLIC

UPLOAD

UPLOAD_SIGMA

SNOWFLAKE

UAT_DB

RAW_PRD / UPLOAD

Schema BUSSYS_OPERATION_ROLE 1 month ago

Schema Details

Privileges

BUSSYS_D... (Current Role) CREATE TABLE USAGE

BUSSYS_OPERATION_... OWNERSHIP

Create

Table

View

Stage

Storage Integration

File Format

Sequence

Pipe

Stream

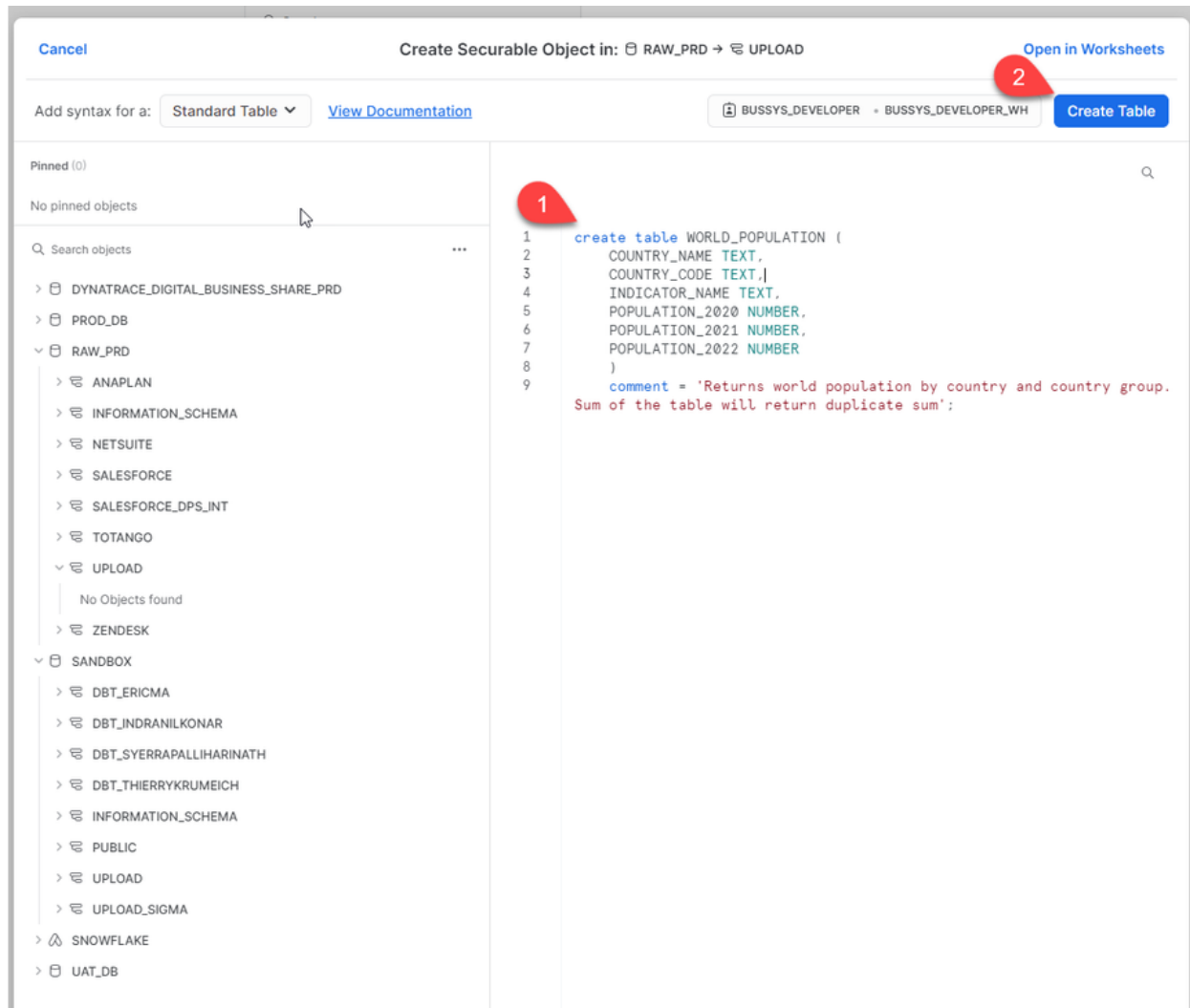
Task

Function

Procedure

Dynamic Table

▼ Create Table - Part 2



4. Load data to the target table.

Click 'Load Data' button (Step 1). Drag and drop file (Step 2). Click 'Next' button (Step 3). Review selection proposed by the upload wizard, especially Header, Field Delimiter and Field optionally enclosed by. Click 'Load' button (Step 4).

▼ Load Data

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UPLOAD

Tables

WORLD_POPULATION

ZENDESK

SANDBOX

DBT_ERICMA

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UPLOAD

UPLOAD_SIGMA

SNOWFLAKE

UAT_DB

RAW_PRD / UPLOAD / WORLD_P... Load Data

Table B... just now 0 0.0B Returns world population by...

Table Details Columns Data Preview Copy History

Table definition

```
1 create or replace TABLE
2 RAW_PRD.UPLOAD.WORLD_POPULATION (
3   COUNTRY_NAME VARCHAR(16777216),
4   COUNTRY_CODE VARCHAR(16777216),
5   INDICATOR_NAME VARCHAR(16777216),
6   POPULATION_2020 NUMBER(38,0),
7   POPULATION_2021 NUMBER(38,0),
8   POPULATION_2022 NUMBER(38,0)
9 )COMMENT='Returns world population by
country and country group. Sum of the
table will return duplicate sum'
;
```

Show less

Privileges

Group by Role + Privilege

BUS... (Current Role) OWNERSHIP

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;
```

Show less

Privileges

Group by Role + Privilege

BUS... (Current Role) OWNERSHIP

Load Data into Table

BUSSYS_DEVELOPER_WH

WORLD_POPULATION

Drag and drop to upload files

or

Browse

or

Add from Stage

File size limit: 50MB

Cancel Back Next

Load Data into Table
WORLD_POPULATION

BUSSYS_DEVELOPER_WH

Population.csv - 16.7KB



Browse

3

Cancel

Back

Next

Load Data into Table

BUSSYS_DEVELOPER_WH

Population.csv → WORLD_POPULATION

File format

Delimited Files (CSV or TSV)

Select existing or create in [Worksheets](#)

Learn more about format-specific configurations in [Snowflake Docs](#)

Header

If CSV has comma delimiter

Skip first line

Field delimiter

Comma (default)

Trim space

False (default)

Field optionally enclosed by

Double quotes

Date format

If some text values are enclosed by " "

Auto* (default)

Time format

Auto* (default)

Timestamp format

Auto* (default)

*Automatic detection of date, time, and timestamp formats can produce inaccurate results.

What should happen if an error is encountered while loading a file?

Do not load any data (default)

Show SQL

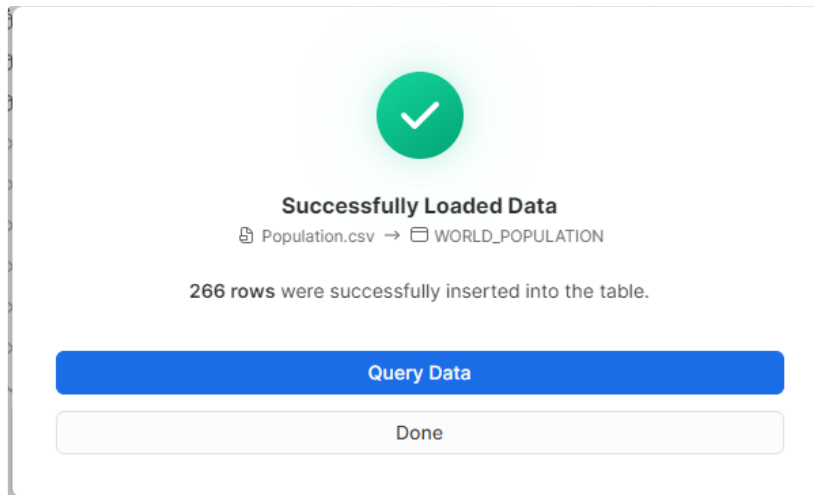
Cancel

Back

4Load

5. Upon successful load, click 'Query Data' button to verify the data.

▼ Verify Data



Worksheets 2023-09-28 11:36am

Databases Worksheets

RAW_PROD_UPLOAD Settings

```
1 SELECT
2 *
3 FROM
4 WORLD_POPULATION
5 LIMIT
6 10;
```

Results Chart

	COUNTRY_NAME	COUNTRY_CODE	INDICATOR_NAME	POPULATION_2020	POPULATION_2021	POPULATION_2022
1	Aruba	ABW	Population, total	106,585	106,537	106,445
2	Africa Eastern and Southern	AFE	Population, total	685,112,979	702,977,106	720,839,314
3	Afghanistan	AFG	Population, total	38,972,230	40,099,462	41,128,771
4	Africa Western and Central	AFW	Population, total	466,189,102	478,185,907	490,330,870
5	Angola	AGO	Population, total	33,428,486	34,503,774	35,588,987
6	Albania	ALB	Population, total	2,837,849	2,811,666	2,775,634
7	Andorra	AND	Population, total	77,700	79,034	79,824
8	Arab World	ARB	Population, total	449,228,296	456,520,777	464,684,914
9	United Arab Emirates	ARE	Population, total	9,287,289	9,365,145	9,441,129
10	Argentina	ARG	Population, total	45,376,763	45,808,747	46,234,830

Query Details

Query duration 758ms

Rows 10

Query ID 51af6bc0-9504-4ff7-9...

COUNTRY_NAME 100% filled

COUNTRY_CODE 100% filled

INDICATOR_NAME 100% filled

POPULATION_2020

POPULATION_2021

POPULATION_2022

6. If Failed to Load Data, Snowflake offers recommendation.

Fix the issue (alter the table - click 'Done' button - or review information in Load Data form - click 'Back' button).

▼ Failed Load



Failed to Load Data

📄 Population.csv → 🗄️ WORLD_POPULATION

Error on line **3**, character **1**, column **6**

Number of columns in file (6) does not match that of the corresponding table (5),
use file format option error_on_column_count_mismatch=false to ignore this error

Back

Done