

**Query History**

Status Successful ▾ User SAYANTANN ▾ Sep 9, 2024 – Sep 9, 2024 ▾ Filters 1 ▾ 1 queries Columns C ▾

	SQL TEXT	QUERY ID	STATUS	USER	WAREHOUSE	DURATION	STARTED
1	CREATE DATABASE IF NOT EXISTS CompanyDB;	01b6e7eb-0002-e2c4-0000-	Success	SAYANTANN	—	159ms	9/9/2024, 7:49:21 AM

**SQL Text** View Results  
Query ID: 01b6e7eb-0002-e2c4-0000-2f4b00071852

```
CREATE DATABASE IF NOT EXISTS CompanyDB;
```

\$276 credits left ⓘ ...  
Trial ends in 4 days  
**Upgrade**

SN Sayantan Naha ACCOUNTADMIN

**Query History**

Status Successful ▾ User SAYANTANN ▾

SQL TEXT

status
1 Database COMPANYDB successfully created.

SQL Text

Query ID: 01b6e7eb-0002-e2c4-0000-2f4b00071852

CREATE DATABASE IF NOT EXISTS CompanyDB;

1 of 1 row Export Results Close

\$276 credits left ⓘ ...  
Trial ends in 4 days  
Upgrade

SN Sayantan Naha ACCOUNTADMIN

### Query Results

WAREHOUSE	DURATION	STARTED
—	159ms	9/9/2024, 7:49:21 AM

**Query History**

Status Successful ▾ User SAYANTANN ▾

SQL TEXT

1	status
1	Schema COMPANY_SCHEMA successfully created.

**SQL Text**

Query ID: 01b6e7eb-0002-e2c7-0000-2f4b000792

```
CREATE SCHEMA IF NOT EXISTS COMPANYDB.Company_Schema;
```

1 of 1 row Export Results Close

\$276 credits left ⓘ ...  
Trial ends in 4 days  
Upgrade

SN Sayantan Naha ACCOUNTADMIN

### Query Results

WAREHOUSE	DURATION	STARTED
—	70ms	9/9/2024, 7:49:34 AM

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e7fc-0002-e2c7-0000-2f4b00079332

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	59ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:06:04 AM	01b6e7fc-0002-e2c7-0000-2f4b00079332 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:06:04 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
create or replace file format company_csv
    type = 'csv'
    compression = 'none'
    field_delimiter = ','
    field Optionally_enclosed_by = '\042'
    skip_header = 1 ;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	File format COMPANY_CSV successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e800-0002-e2c9-0000-2f4b000728ea

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	148ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:10:54 AM	01b6e800-0002-e2c9-0000-2f4b000728ea ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:10:54 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE STORAGE integration company_integration
TYPE = EXTERNAL_STAGE
STORAGE_PROVIDER = S3
ENABLED = TRUE
STORAGE_AWS_ROLE_ARN ='arn:aws:iam::664418982553:role/Company_Role'
STORAGE_ALLOWED_LOCATIONS =('s3://myddldml/');
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Integration COMPANY_INTEGRATION successfully created.

**Snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e801-0002-e2c2-0000-2f4b0006ef86

SAYANTANN

C ▾

Query Details Query Profile

### Details

Status	Duration	Driver Status
Success	27ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:11:12 AM	01b6e801-0002-e2c2-0000-2f4b0006ef86 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:11:12 AM	—	51999169460790 ⓘ
Warehouse Size	—	—

### SQL Text

```
DESC integration company_integration;
```

### Results 8 of 8 Rows • Cluster —

Export Results

	property	property_type	property_value	property_default
1	ENABLED	Boolean	true	false
2	STORAGE_PROVIDER	String	S3	—
3	STORAGE_ALLOWED_LOCATIONS	List	s3://myddldml/	—
4	STORAGE_BLOCKED_LOCATIONS	List	—	—
5	STORAGE_AWS_IAM_USER_ARN	String	arn:aws:iam::533267113044:user/x8cp0000-s	—
6	STORAGE_AWS_ROLE_ARN	String	arn:aws:iam::664418982553:role/Company_Role	—
7	STORAGE_AWS_EXTERNAL_ID	String	HYB29397_SFCRole=3_BG/8RNPTfaYwArxA0QYx+fRvAo=	—
8	COMMENT	String	—	—

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left ⓘ ...  
Trial ends in 4 days  
**Upgrade**

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e820-0002-e2c4-0000-2f4b00071a86

SAYANTANN

C ⏺

**Query Details** **Query Profile**

**Details**

Status	Duration	Driver Status
Success	171ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:42:00 AM	01b6e820-0002-e2c4-0000-2f4b00071a86 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:42:00 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE STAGE COMPANY_STAGE
URL = 's3://myddldml'
file_format = company_csv
storage_integration = company_integration;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Stage area COMPANY_STAGE successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e820-0002-e2c0-0000-2f4b00078a0e

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	704ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:42:07 AM	01b6e820-0002-e2c0-0000-2f4b00078a0e ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:42:08 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
LIST @COMPANY_STAGE;
```

**Results** 2 of 2 Rows • Cluster —

Export Results

	name	size	md5	last_modified
1	s3://myddldml/departments/departments.csv	101	27113bc5a999dfd8bf0321c887698f6f	Mon, 9 Sep 2024 02:51:27 GMT
2	s3://myddldml/employees/employees.csv	76930	27fbda8d1428e7ccf8895fa02294a8ab	Mon, 9 Sep 2024 02:51:47 GMT

**Snowflake**

- + Create
- Home
- Search
- Projects
- Data
- Data Products
- AI & ML
- Monitoring
- Query History
- Copy History
- Task History
- Dynamic Tables
- Trust Center
- Governance
- Admin

\$276 credits left (1) ...  
Trial ends in 4 days  
[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e824-0002-e2c0-0000-2f4b00078a66

SAYANTANN

C ▾

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	42ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 8:46:58 AM	01b6e824-0002-e2c0-0000-2f4b00078a66 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 8:46:58 AM	—	51999169460790 ⓘ
Warehouse Size		
—		

### SQL Text

```
DESC STAGE COMPANY_STAGE;
```

### Results

15 of 15 Rows • Cluster —

[Export Results](#)

	parent_property	property	property_type	property_value	property_default
1	STAGE_FILE_FORMAT	FORMAT_NAME	String	company_csv	
2	STAGE_COPY_OPTIONS	ON_ERROR	String	ABORT_STATEMENT	ABORT_STATEMENT
3	STAGE_COPY_OPTIONS	SIZE_LIMIT	Long		
4	STAGE_COPY_OPTIONS	PURGE	Boolean	false	false
5	STAGE_COPY_OPTIONS	RETURN_FAILED_ONLY	Boolean	false	false
6	STAGE_COPY_OPTIONS	ENFORCE_LENGTH	Boolean	true	true
7	STAGE_COPY_OPTIONS	TRUNCATECOLUMNS	Boolean	false	false
8	STAGE_COPY_OPTIONS	FORCE	Boolean	false	false
9	STAGE_LOCATION	URL	String	["s3://myddlml"]	
10	STAGE_INTEGRATION	STORAGE_INTEGRATION	String	COMPANY_INTEGRATION	
11	STAGE_CREDENTIALS	AWS_ROLE	String	arn:aws:iam::664418982553:role/Company_Role	
12	STAGE_CREDENTIALS	AWS_EXTERNAL_ID	String	HYB29397_SFCRole=3_BG/8jRNPTfaYwArxA0QYx+fRvAo=	
13	STAGE_CREDENTIALS	SNOWFLAKE_IAM_USER	String	arn:aws:iam::533267113044:user/v8en0000-e	

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e84e-0002-e2c0-0000-2f4b00078b3e

SAYANTANN

C ▾

**Query Details** **Query Profile**

**Details**

Status	Duration	Driver Status
Success	96ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:28:08 AM	01b6e84e-0002-e2c0-0000-2f4b00078b3e ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:28:08 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE PIPE COMP_SNOWPIPE_DEPT AUTO_INGEST = TRUE
AS
COPY INTO COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
FROM '@COMPANY_STAGE/DEPARTMENTS/'
FILE_FORMAT = company_csv;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Pipe COMP_SNOWPIPE_DEPT successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e851-0002-e2ca-0000-2f4b00073b66

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	109ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:31:25 AM	01b6e851-0002-e2ca-0000-2f4b00073b66 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:31:25 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE PIPE COMP_SNOWPIPE_EMPL AUTO_INGEST = TRUE
AS
COPY INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
FROM '@COMPANY_STAGE/EMPLOYEES/'
FILE_FORMAT = company_csv;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Pipe COMP_SNOWPIPE_EMPL successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e851-0002-e2c4-0000-2f4b00071b5a

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	1.8s	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:31:36 AM	01b6e851-0002-e2c4-0000-2f4b00071b5a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:31:37 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER PIPE COMP_SNOWPIPE_DEPT refresh;
```

**Results** Cluster —

Export Results

!

Query produced no results

5	ALTER PIPE COMP_SNOWPIPE_DEPT refresh;	01b6e851-0002-e2c4-0000-	Success	SAYANTANN	—	1.8s	9/9/2024, 9:31:36 AM
---	--	--------------------------	---------	-----------	---	------	----------------------

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left (i) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e851-0002-e2be-0000-2f4b00075b32

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	792ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:31:44 AM	01b6e851-0002-e2be-0000-2f4b00075b32 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:31:45 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER PIPE COMP_SNOWPIPE_EMPL refresh;
```

**Results** Cluster —

Export Results

!

Query produced no results

4	ALTER PIPE COMP_SNOWPIPE_EMPL refresh;	01b6e851-0002-e2be-0000-	Success	SAYANTANN	—	792ms	9/9/2024, 9:31:44 AM
4	ALTER PIPE COMP_SNOWPIPE_EMPL refresh;	01b6e851-0002-e2be-0000-	Success	SAYANTANN	—	792ms	9/9/2024, 9:31:44 AM

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e853-0002-e2c2-0000-2f4b0007a1e6

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	57ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:33:46 AM	01b6e853-0002-e2c2-0000-2f4b0007a1e6 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:33:46 AM	—	51999169460790 ⓘ
Warehouse Size	—	

**SQL Text**

```
select SYSTEM$PIPE_STATUS('COMP_SNOWPIPE_EMPL');
```

**Results** 1 of 1 Row • Cluster —

Export Results

	SYSTEM\$PIPE_STATUS('COMP_SNOWPIPE_EMPL')
1	{"executionState": "RUNNING", "pendingFileCount": 0, "notificationChannelName": "..."} ...

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e853-0002-e2c8-0000-2f4b00074c26

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	54ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:33:50 AM	01b6e853-0002-e2c8-0000-2f4b00074c26 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 9:33:50 AM	—	51999169460790 ⓘ
Warehouse Size		
—		

**SQL Text**

```
select SYSTEM$PIPE_STATUS('COMP_SNOWPIPE_DEPT');
```

**Results** 1 of 1 Row • Cluster —

Export Results

	SYSTEM\$PIPE_STATUS('COMP_SNOWPIPE_DEPT')
1	{"executionState": "RUNNING", "pendingFileCount": 0, "notificationChannelName": "..."} ...

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left ⓘ ...  
Trial ends in 4 days  
Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f0ab-0002-e68d-0000-2f4b0008a98a

SAYANTANN

C ⏺

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	179ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 9:09:16 PM	01b6f0ab-0002-e68d-0000-2f4b0008a98a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 9:09:16 PM	—	51999169527990 ⓘ
Warehouse Size	—	

**SQL Text**

```
create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
    EMPLOYEEID NUMBER(38,0),
    FIRSTNAME VARCHAR(50) NOT NULL,
    LASTNAME VARCHAR(50) NOT NULL,
    DATEOFBIRTH DATE NOT NULL,
    JOBTITLE VARCHAR(100),
    SALARY NUMBER(12,2) NOT NULL,
    DEPARTMENTID NUMBER(38,0),
    EMAIL VARCHAR(100)
    -- HIREDATE DATE
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Table EMPLOYEES successfully created.

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e8a6-0002-e2c2-0000-2f4b0007a416

COMPUTE\_WH SAYANTANN

Query Details Query Profile

Result [0] 0% EMPLOYEES.EMPLOYEEID,EMPLOYEES....

TableScan [1] 0% COMPANYDB.COMPANY\_SCHEMA.EMP...

1000

**Statistics**

Scan progress	100.00%
Bytes scanned	0.03MB
Percentage scanned fro...	100.00%
Partitions scanned	1
Partitions total	1

**Attributes**

Full table name  
COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES

---

Columns (8 / 9)  
EMPLOYEEID  
FIRSTNAME  
LASTNAME  
DATEOFBIRTH  
JOBTITLE  
SALARY  
DEPARTMENTID  
EMAIL



**Snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e8a6-0002-e2c2-0000-2f4b0007a416

COMPUTE\_WH SAYANTANN

C ▾

**Query Details** **Query Profile**

### Details

Status	Duration	Driver Status
Success	165ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 10:56:38 AM	01b6e8a6-0002-e2c2-0000-2f4b0007a416 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 10:56:38 AM	—	51999169477942 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
select * from COMPANYDB.COMPANY_SCHEMA.Employees;
```

### Results 1,000 of 1,000 Rows • Cluster 1

Export Results

	EMPLOYEEID	FIRSTNAME	LASTNAME	DATEOFBIRTH	JOBTITLE	SALARY	DEPARTMENTID	EMAIL
1	1	Natalie	Mendez	982-11-20 00:00:00	HR Manager	46813.54	null	theresa18@parrish.com
2	2	Michael	Powell	998-01-15 00:00:00	Intern	84314.87	4	patrick.sweeney@hotmail.com
3	3	Cody	Bauer	982-09-24 00:00:00	HR Manager	77454.83	2	lisa33@warren-parker.com
4	4	Christina	Perez	965-09-08 00:00:00	Consultant	118664.60	null	hgonzalez@woodward.org
5	5	Cody	Myers	980-12-11 00:00:00	Intern	56476.78	null	bfranch@hotmail.com
6	6	Rebecca	Bowman	986-05-02 00:00:00	Intern	81887.33	2	nroberts@hotmail.com
7	7	Derek	Hale	971-08-07 00:00:00	Senior Developer	119087.95	2	brandischoeder@santana-howell.com
8	8	Gregory	Hall	989-02-23 00:00:00	Senior Developer	104597.99	4	ronaldmccarthy@gmail.com
9	9	Sabrina	Lutz	001-11-06 00:00:00	Consultant	84734.51	1	shannon25@hart.biz
10	10	Sylvia	Davidson	979-08-25 00:00:00	Senior Developer	56117.96	1	deborahbyrd@yahoo.com
11	11	Chloe	Lester	005-12-15 00:00:00	Intern	48511.95	1	shepardrobert@perez.net
12	12	Jerome	Durham	002-02-21 00:00:00	HR Manager	46008.52	null	croggers@jones.com

**snowflake**

+ Create

Home

Search

Projects

Data

Databases

Add Data

Data Products

AI & ML

Monitoring

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

Q Search C

> BANK

> COMPANYDB

> COMPANY\_SCHEMA

> Tables

> DEPARTMENTS

> DEPT

> EMPL

> EMPLOYEES

> Stages

> File Formats

> Pipes

> INFORMATION\_SCHEMA

> PUBLIC

> SCHOOLDB

> SNOWFLAKE

> SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 1 day ago 505 17.5KB

Table Details Columns Data Preview Copy History

### Copies over time

Sep 10, 2024

Date	Loaded	Total
Sep 10, 2024	1	1

1

0 Sep 6 Sep 7 Sep 8 Sep 9 Sep 10 Sep 11 Sep 12

### 1 Copy (Sep 10, 2024, 12 AM - Sep 11, 2024, 12 AM)

FILE NAME	LOADED	SIZE	ROWS	STATUS	SOURCE	PIPE
/employees/employees.csv	1d 15h ago	75.1KB	1K	Loaded	—	—

... Load Data

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6eb0e-0002-e66d-0000-2f4b000851a2

COMPUTE\_WH SAYANTANN

C ⌂

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	896ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 9:12:39 PM	01b6eb0e-0002-e66d-0000-2f4b000851a2 ⌂	Go 1.1.5 ⌂
End Time	Query Tag	Session ID
9/9/2024, 9:12:40 PM	—	51999169548318 ⌂
Warehouse Size		
X-Small		

### SQL Text

```
CREATE OR REPLACE TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
AS
SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPARTMENTID
FROM departments;
```

### Results 1 of 1 Row • Cluster 1

Export Results

	status
1	Table DEPARTMENTS successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e7f0-0002-e2c2-0000-2f4b0006eefe

SAYANTANN

C ▾

Query Details Query Profile

### Details

Status	Duration	Driver Status
Success	60ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 7:54:31 AM	01b6e7f0-0002-e2c2-0000-2f4b0006eefe ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 7:54:31 AM	—	51999169460790 ⓘ
Warehouse Size	—	—

### SQL Text

```
select * from COMPANYDB.COMPANY_SCHEMA.Departments;
```

### Results Cluster —

Export Results

!

Query produced no results

↳ Results ⚡ Chart

Query Details

status	Statement executed successfully.
Query duration	138ms
Rows	1
Query ID	<a href="#">01b6e8a5-0002-e2c5-0...</a>
End time	Sep 9, 10:55 AM
Scan	0.0
Role	ACCOUNTADMIN
Warehouse	COMPUTE_WH

Show less ^

status A  
100% filled

18 Queries

Status Successful ▾ ⚡ C

- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE EmployeeID = 4;
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 4;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME ) ...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ... ) ...
- 10:56:38 AM 165ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:56:27 AM 41ms select count(\*) from employees;
- 10:56:15 AM 49ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DEPARTM...;
- 10:55:43 AM 138ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS...
- 10:52:48 AM 333ms select \* from table(information\_schema.copy\_history(table\_name=>'DEPARTMENTS', s...);
- 10:51:46 AM 297ms SELECT \* FROM TABLE( INFORMATION\_SCHEMA.COPY\_HISTORY( TABLE\_NAME => 'EMPLOYEES' ... ) );

[Results](#) [Chart](#)

[Search](#) [New](#) [Down](#) [Print](#) [Copy](#)

status	
1	Statement executed successfully.

Query Details

Query duration 49ms

Rows 1

Query ID 01b6e8a6-0002-e2c5-0...

Show more ▾

status	
A	100% filled

18 Queries

Status Successful ▾ [Filter](#)

- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE EmployeeID = 4;
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 4;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME ) VALUES( 1, 'HR' );
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, MIDDLENAME, SALARY, HIREDATE, JOBTITLE, DEPARTMENTID ) VALUES( 1, 'John', 'Doe', 'Doe', 50000, '2018-01-01', 'Software Developer', 1 );
- 10:56:38 AM 165ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:56:27 AM 41ms select count(\*) from employees;
- 10:56:15 AM 49ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DEPARTMENTNAME VARCHAR(50);
- 10:55:43 AM 138ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS ISACTIVE TINYINT(1) NOT NULL DEFAULT 1;
- 10:52:48 AM 333ms select \* from table(information\_schema.copy\_history(table\_name=>'DEPARTMENTS', source\_table\_name=>'DEPARTMENTS'));
- 10:51:46 AM 297ms SELECT \* FROM TABLE( INFORMATION\_SCHEMA.COPY\_HISTORY( TABLE\_NAME => 'EMPLOYEES' ) )

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f0af-0002-e67c-0000-2f4b00086a5a

COMPUTE\_WH SAYANTANN

C ▾

**Query Details** **Query Profile**

**Details**

Status	Duration	Driver Status
Success	512ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 9:13:28 PM	01b6f0af-0002-e67c-0000-2f4b00086a5a	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 9:13:28 PM	—	51999169527906 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES(
    EMPLOYEEID,
    FIRSTNAME,
    LASTNAME,
    DATEOFBIRTH,
    JOBTITLE,
    SALARY,
    DEPARTMENTID,
    EMAIL,
    HIREDATE) VALUES (1001 'Sayantan' 'Naha' TO DATE('1980-11-16' 'YYYY-MM-DD') 'Intern' 15000 76 3 'sayantannaha77@gmail.com' TO DATE('2024-08-15' 'YYYY-MM-DD'))
```

**Results** 1 of 1 Row • Cluster 1

Export Results

number of rows inserted
5

**snowflake**

+ Create

Home Search Projects Data Data Products AI & ML Monitoring Query History Copy History Task History Dynamic Tables Trust Center Governance Admin

\$276 credits left (1) ... Trial ends in 4 days Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f0af-0002-e67c-0000-2f4b00086a5a

COMPUTE\_WH SAYANTANN

Query Details **Query Profile**

Result [0] 0% number of rows inserted

Insert [1] 50% COMPANYDB.COMPANY\_SCHEMA.EMP...

ValuesClause [2] 0% (1001, 'Sayantan', 'Naha', '1989-11-16', 'l...

Most Expensive Nodes (...)

Insert [1] 50.0%

Profile Overview

Processing 50.0% Remote Disk I/O 50.0%

Statistics

Number of rows inserted	5
Scan progress	100.00%
Bytes scanned	0.03MB
Percentage scanned fro...	100.00%
Bytes written	0.03MB
Partitions scanned	1
Partitions total	1

Attributes

Full table name COMPANYDB.COMPANY\_SCHEMA.E...

Input Expressions

VALUES.COLUMN1  
VALUES.COLUMN2  
VALUES.COLUMN3  
VALUES.COLUMN4  
VALUES.COLUMN5  
VALUES.COLUMN6  
VALUES.COLUMN7  
VALUES.COLUMN8  
VALUES.COLUMN9

**snowflake**

+ Create

Home Search Projects Data Data Products AI & ML Monitoring

Query History

Copy History Task History Dynamic Tables Trust Center Governance

Admin

\$276 credits left Trial ends in 4 days Upgrade

SN Sayantan Naha ACCOUNTADMIN

**Query - 01b6f0af-0002-e67c-0000-2f4b00086a5a**

COMPUTE\_WH SAYANTANN

Query Details Query Profile

Result [0] 0% number of rows inserted

Insert [1] 50% COMPANYDB.COMPANY\_SCHEMA.EMP...

ValuesClause [2] 0% (1001, 'Sayantan', 'Naha', '1989-11-16', '1...

Most Expensive Nodes ... Insert [1] 50.0%

Attributes Number of Values 5

Values

```
(1001, 'Sayantan', 'Naha', '1989-11-16', 'Intern', 15000.76, 5, 'sayantan.naha77@gmail.com', '2024-08-15'), (1002, 'Sandip', 'Saha', '1988-09-16', 'Consultant', 50000.75, 3, 'sandip.saha@gmail.com', '2017-10-27'), (1003, 'Samit', 'Dutta', '1992-07-07', 'Sales Representative', 25000.45, 2, 'sunit.dutta@gmail.com', '2024-01-25'), (1004, 'Subhajit', 'Ghosh', '1990-12-09', 'HR Manager', 48000.59, 1, 'subhajit.ghosh@gmail.com', '2020-10-15'), (1005, 'Sayak', 'Dutta', '1993-05-15', 'Intern', 15000.76, 4, 'sayak.dutta@gmail.com', '2024-07-16')
```

EMPLOYEEID FIRSTNAME LASTNAME DATEOFBIRTH JOBTITLE

991	991	Eddie	Pope	2003-06-28	Senior Developer
992	992	Harold	Molina	1999-08-28	Consultant
993	993	Amanda	Riley	1999-06-28	Intern
994	994	Brandon	Martinez	1999-08-14	Intern
995	995	Tonya	Davis	1992-08-25	Sales Representative
996	996	Sara	Carter	1978-02-03	Senior Developer
997	997	James	Daniel	1979-08-15	Consultant
998	998	David	Noble	1998-07-12	Sales Representative
999	999	Robin	Roberson	1992-07-24	Sales Representative
1000	1000	Andrea	Tucker	1991-07-11	Consultant
1001	1001	Sayantan	Naha	1989-11-16	Intern
1002	1002	Sandip	Saha	1988-09-16	Consultant
1003	1003	Samit	Dutta	1992-07-07	Sales Representative
1004	1004	Subhajit	Ghosh	1990-12-09	HR Manager
1005	1005	Sayak	Dutta	1993-05-15	Intern

Query Details

Query duration 116ms

Rows 1.0K

Query ID 91b6e8a8-0002-e2ca-0...

Show more

EMPLOYEEID #

FIRSTNAME A

Michael	23
David	21
John	17

+ 351 more

18 Queries

Status Successful ✓ ⚙ C

- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE EmployeeID = 4;
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 4;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME ) VALUES( 1, 'HR' );
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, MIDDLENAME, SALARY, HIREDATE, JOBTITLE, DEPARTMENTID ) VALUES( 1, 'Michael', 'Roberson', 'Naha', 75000, '1992-07-24', 'Sales Representative', 1 );
- 10:56:38 AM 165ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:56:27 AM 41ms select count(\*) from employees;
- 10:56:15 AM 49ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DEPARTMENTNAME CHAR(50);
- 10:55:43 AM 138ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS SALARY DECIMAL(10,2) NOT NULL DEFAULT 0;
- 10:52:48 AM 333ms select \* from table(information\_schema.copy\_history(table\_name=>'DEPARTMENTS', source\_table\_name=>'DEPARTMENTS'));
- 10:51:46 AM 297ms SELECT \* FROM TABLE( INFORMATION\_SCHEMA.COPY\_HISTORY( TABLE\_NAME => 'EMPLOYEES' ) )

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e8a9-0002-e2ca-0000-2f4b00073d8a

COMPUTE\_WH SAYANTANN

C ▾

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	339ms	Supported
Start Time	Query ID	Client Driver
9/9/2024, 10:59:43 AM	01b6e8a9-0002-e2ca-0000-2f4b00073d8a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/9/2024, 10:59:43 AM	—	51999169477942 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
INSERT INTO COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(
    DEPARTMENTID,
    DEPARTMENTNAME) VALUES (6,'Operations'),(7,'Supply Chain'),(8,'Finance');
```

### Results

1 of 1 Row • Cluster 1

Export Results

	number of rows inserted
1	3

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left ⓘ ...  
Trial ends in 4 days  
**Upgrade**

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f0b2-0002-e66d-0000-2f4b00085a2a

COMPUTE\_WH SAYANTANN

C ⌂

**Query Details** Query Profile

**Details**

Status	Duration	Driver Status
Success	419ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 9:16:20 PM	01b6f0b2-0002-e66d-0000-2f4b00085a2a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 9:16:20 PM	—	51999169527906 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
INSERT INTO COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(
    DEPARTMENTID,
    DEPARTMENTNAME) VALUES (4,'Production & Manufacturing');
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	number of rows inserted
1	1

Results
Chart
Search
More

number of rows updated	number of multi-joined rows updated
1	1

Query Details

Query duration: 396ms

Rows: 1

Query ID: 01b6e8af-0002-e2c9-0...

Show more ▾

number of rows updated #  
100% filled

number of multi-joined rows updated #  
100% filled

**18 Queries**

Status Successful ✓ ⚡ C

- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) V...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
- 10:56:38 AM 165ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:56:27 AM 41ms select count(\*) from employees;
- 10:56:15 AM 49ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DEPARTME...
- 10:55:43 AM 138ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS...
- 10:52:48 AM 333ms select \* from table(information\_schema.copy\_history(table\_name=>'DEPARTMENTS', st...
- 10:51:46 AM 297ms SELECT \* FROM TABLE( INFORMATION\_SCHEMA.COPY\_HISTORY( TABLE\_NAME => 'EMPLOYEES' , ...

---

SN
Copy
Open
Close

SN
Copy
Open
Close

number of rows deleted 1

Query Details

Query duration 435ms

Rows 1

Query ID 01b6e8b0-0002-e2c4-...

Show more ▾

number of rows deleted #

100% filled

18 Queries

Mon Sep 9 2024

- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIR...
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) V...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...

Status Successful ✅

number of rows deleted 1

Query Details

Query duration 374ms

Rows 1

Query ID 01b6e8b1-0002-e2c2-0...

Show more ▾

number of rows deleted #

100% filled

18 Queries

Mon Sep 9 2024

- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIR...
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) V...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...

Status Successful ✅

number of rows inserted

1
---

Query Details

Query duration 477ms

Rows 1

Query ID 01b6e8b2-0002-e2c0-0...

Show more ▾

number of rows inserted #

100% filled

18 Queries

Mon Sep 9 2024

- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIR...
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) V...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...

Status Successful ✅

number of rows updated number of multi-joined rows updated

1	999
	0

Query Details

Query duration 572ms

Rows 1

Query ID 01b6e8b3-0002-e2c4-0...

Show more ▾

number of rows updated #

100% filled

number of multi-joined rows updated #

100% filled

18 Queries

Mon Sep 9 2024

- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIR...
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) V...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...

Status Successful ✅

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am + ↻

ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ↻

Results Chart

Query Details

Query duration 510ms

Rows 10K

Query ID 01b6e8de-0002-e2be-0...

Show more

EMPLOYEEID #

FIRSTNAME A

- Michael 23
- David 21
- John 17
- + 352 more

LASTNAME A

- Smith 27
- Johnson 18
- Williams 17
- + 483 more

18 Queries

Mon Sep 9 2024

Time	Duration	Query
11:52:25 AM	510ms	SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:10:15 AM	225ms	select * from COMPANYDB.COMPANY_SCHEMA.Employees;
11:10:04 AM	96ms	select count(*) from employees;
11:09:28 AM	572ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT_DATE() WHERE HIREDATE < CURRENT_DATE();
11:08:55 AM	477ms	INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, DA...
11:07:00 AM	374ms	DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
11:06:49 AM	435ms	DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
11:05:15 AM	389ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE J...
11:05:09 AM	396ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
10:59:43 AM	339ms	INSERT INTO COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME) VALUES( 1, 'Sales' );
10:59:11 AM	40ms	select count(*) from departments;
10:58:22 AM	116ms	select * from COMPANYDB.COMPANY_SCHEMA.Employees;
10:58:00 AM	339ms	INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, DA...
10:56:38 AM	165ms	select * from COMPANYDB.COMPANY_SCHEMA.Employees;
10:56:27 AM	41ms	select count(*) from employees;
10:56:15 AM	49ms	ALTER TABLE IF EXISTS COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DEPARTMENTNAME...
10:55:43 AM	138ms	ALTER TABLE IF EXISTS COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS H...
10:52:48 AM	333ms	select * from table(information_schema.copy_history(table_name=>'DEPARTMENTS', sta...

number of rows updated

1	999	0
---	-----	---

Query Details

Query duration 572ms

Rows 1

Query ID 01b6e8b3-0002-e2c4-...

Show more ▾

number of rows updated #  
100% filled

number of multi-joined rows updated #  
100% filled

**18 Queries**

Mon Sep 9 2024

- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIREDATE = NULL;
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ... ) VALUES ( 1, 'Cody', 'Bauer', 75000.00 );
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE EmployeeID = 3;
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME ) VALUES ( 6, 'Ope...
- 10:59:11 AM 40ms select count(\*) from departments;
- 10:58:22 AM 116ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 10:58:00 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ... ) VALUES ( 1, 'Derek', 'Hale', 119087.95 );

Status Successful ✅ C

FIRSTNAME LASTNAME SALARY

1 Cody	Bauer	75000.00
2 Derek	Hale	119087.95
3 Gregory	Hall	104597.99
4 Sabrina	Lutz	84734.51
5 Alexander	Anderson	96590.08
6 Joseph	Lozano	111523.01
7 Cheryl	Myers	109093.94
8 Angel	Curtis	81466.70
9 Roberto	Walker	79669.95
10 John	Rogers	69888.47
11 Paul	Campbell	105786.33
12 Taylor	Guerrero	99909.82
13 David	Collins	91995.72
14 Dale	Wilkins	108525.28

Query Details

Query duration 314ms

Rows 649

Query ID 01b6e8df-0002-e2c8-0...

Show more ▾

FIRSTNAME A  
Michael 14  
John 12  
David 10  
+ 282 more

LASTNAME A  
Smith 16  
Johnson 13

**17 Queries**

Mon Sep 9 2024

- 11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salary > 6000...
- 11:52:25 AM 510ms SELECT \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;
- 11:10:15 AM 225ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;
- 11:10:04 AM 96ms select count(\*) from employees;
- 11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT\_DATE() WHERE HIREDATE IS NULL;
- 11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, DATEOFBIRTH, ... ) VALUES ( 1, 'Cody', 'Bauer', 75000.00 );
- 11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
- 11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
- 11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WHERE JobTitle = '...
- 11:05:09 AM 396ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = 3;
- 10:59:43 AM 339ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS( DEPARTMENTID, DEPARTMENTNAME ) VALUES ( 6, 'Ope...
- 10:59:11 AM 40ms select count(\*) from departments;

Status Successful ✅ C

**Results** **Chart**

EMPLOYEEID	LASTNAME	FIRSTNAME	EMAIL	HIREDATE
1	Abbott	Andrew	theresa18@parrish.com	2024-09-08
2	Parker	Lisa	lisa33@warren-parker.com	2024-09-08
3	Santana	Brandi	brandischroeder@santana-howell.com	2024-09-08
4	Howell	Ronald	ronaldmccarthy@gmail.com	2024-09-08
5	Hart	Shannon	shannon25@hart.biz	2024-09-08
6	Jones	Deborah	deborahbyrd@yahoo.com	2024-09-08
7	Jones	Crodders	crodders@jones.com	2024-09-08
8	Ward	Scott	scott37@parker-ward.info	2024-09-08
9	White	Dnguyen	dnguyen@yahoo.com	2024-09-08
10	Hotmail	Barnes	barneskathy@hotmail.com	2024-09-08
11	Hotmail	Stephanie	stephanie93@white.com	2024-09-08
12	Yahoo	IJordan	ljordan@yahoo.com	2024-09-08

**Query Details**

Query duration: 334ms

Rows: 1.0K

Query ID: 01b6e8e0-0002-e2c3-0...

Show more ▾

**16 Queries**

Mon Sep 9 2024

```

11:54:55 AM 334ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';
11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE ...
11:52:25 AM 510ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:10:15 AM 225ms select * from COMPANYDB.COMPANY_SCHEMA.Employees;
11:10:04 AM 96ms select count(*) from employees;
11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT_DATE() WHERE ...
11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WH...
11:05:00 AM 306ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = ...

```

**Results** **Chart**

EMPLOYEEID	LASTNAME	FIRSTNAME	DATEOFBIRTH	JOBTITLE
1	Abbott	Andrew	1990-11-14	Junior Developer
2	Parker	Michael	1975-11-09	Senior Developer
3	Santana	Jared	1989-03-05	Senior Developer
4	Howell	April	1970-11-27	Senior Developer
5	Hart	Matthew	1969-06-18	Consultant
6	Jones	Emily	1996-05-12	Junior Developer
7	Jones	Anthony	1981-08-16	HR Manager
8	White	Shane	1967-02-03	Junior Developer
9	Hotmail	Elizabeth	1969-07-22	Consultant
10	Hotmail	Stephanie	1967-09-12	Consultant
11	White	Aaron	1981-11-27	Consultant
12	Yahoo	Matthew	2004-09-16	HR Manager

**Query Details**

Query duration: 458ms

Rows: 1.0K

Query ID: 01b6e8e2-0002-e2ca-0...

Show more ▾

**16 Queries**

Mon Sep 9 2024

```

11:56:25 AM 458ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;
11:54:55 AM 334ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';
11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE ...
11:52:25 AM 510ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:10:15 AM 225ms select * from COMPANYDB.COMPANY_SCHEMA.Employees;
11:10:04 AM 96ms select count(*) from employees;
11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT_DATE() WHERE ...
11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, ...
11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
11:06:49 AM 435ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EmployeeID = 4;
11:05:15 AM 389ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET JobTitle = 'Junior Developer' WH...
11:05:00 AM 306ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET Salary = 75000 WHERE EmployeeID = ...

```

228 -- A1.7 Ensure that each department in the Departments table has a unique DepartmentID that is also not NULL

**Results** **Chart**

	COUNT(*)
1	1005

Query Details    ...  
Query duration    100ms  
Rows    1  
Query ID    01b6e8e3-0002-e2c5-0...

Show more ▾

COUNT(*)	#
100% filled	

15 Queries    Status Successful

Mon Sep 9 2024

```
11:57:13 AM 100ms SELECT COUNT(*) FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:56:25 AM 458ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;
11:54:55 AM 334ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';
11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE ...
11:52:25 AM 510ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:10:15 AM 225ms select * from COMPANYDB.COMPANY_SCHEMA.Employees;
11:10:04 AM 96ms select count(*) from employees;
11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT_DATE() WHERE ...
11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, SALARY, HIREDATE, DEPARTMENTID ) VALUES( '1', 'John', 'Doe', 50000, '2018-01-01', '1' );
11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
11:02:40 AM 42ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EmployeeID = 1;
```

228 -- A1.7 Ensure that each department in the Departments table has a unique DepartmentID that is also not NULL

**Results** **Chart**

	AVG(SALARY)
1	74300.20425871

Query Details    ...  
Query duration    263ms  
Rows    1  
Query ID    01b6e8e3-0002-e2c7-0...

Show more ▾

AVG(SALARY)	#
100% filled	

15 Queries    Status Successful

Mon Sep 9 2024

```
11:57:34 AM 263ms SELECT AVG(SALARY) FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:57:13 AM 100ms SELECT COUNT(*) FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:56:25 AM 458ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;
11:54:55 AM 334ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';
11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE ...
11:52:25 AM 510ms SELECT * FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES;
11:10:15 AM 225ms select * from COMPANYDB.COMPANY_SCHEMA.Employees;
11:10:04 AM 96ms select count(*) from employees;
11:09:28 AM 572ms UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET HIREDATE = CURRENT_DATE() WHERE ...
11:08:55 AM 477ms INSERT INTO COMPANYDB.COMPANY_SCHEMA.EMPLOYEES( EMPLOYEEID, FIRSTNAME, LASTNAME, SALARY, HIREDATE, DEPARTMENTID ) VALUES( '1', 'John', 'Doe', 50000, '2018-01-01', '1' );
11:07:00 AM 374ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EmployeeID = 1;
11:02:40 AM 42ms DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS WHERE DepartmentName = 'HR';
```

SN

Results Chart

11 Queries

Mon Sep 9 2024

12:01:40 PM 255ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD CONSTRAINT PK\_DepartmentID PRIMARY KEY (D...

12:01:27 PM 64ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT PK\_EmployeeID PRIMARY KEY (Emplo...

11:57:01 AM 52ms SELECT COUNT(\*) FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES;

11:56:20 AM 48ms SELECT \* FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;

11:54:49 AM 47ms SELECT \* FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';

11:53:30 AM 33ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES WHERE Salary > 60...

11:08:36 AM 55ms TNSFRT TINTO COMPANYDB COMPANY SCHEMA FMPI OYFFESI FMPI OYFFFTD FTRSTNAMEF LASTNAMEF DATEOFRTRTH

primary key already exists for table 'DEPARTMENTS'

!

Status Failed

SN

Results Chart

11 Queries

Mon Sep 9 2024

12:01:40 PM 255ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD CONSTRAINT PK\_DepartmentID PRIMARY KEY (D...

12:01:27 PM 64ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT PK\_EmployeeID PRIMARY KEY (Emplo...

11:57:01 AM 52ms SELECT COUNT(\*) FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES;

11:56:20 AM 48ms SELECT \* FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;

11:54:49 AM 47ms SELECT \* FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';

11:53:30 AM 33ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANYDB\_SCHEMA.EMPLOYEES WHERE Salary > 60...

11:08:36 AM 55ms TNSFRT TINTO COMPANYDB COMPANY SCHEMA FMPI OYFFESI FMPI OYFFFTD FTRSTNAMEF LASTNAMEF DATEOFRTRTH

primary key already exists for table 'EMPLOYEES'

!

Status Failed

SN

↳ Results ↵ Chart

Query Details

Query duration 67ms

Rows 1

Query ID 01b6e8e9-0002-e2ca-0...

Show more ▾

status A  
100% filled

1 Statement executed successfully.

15 Queries

Mon Sep 9 2024

- 12:03:12 PM 67ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS DepartmentID...
- 11:57:34 AM 263ms SELECT AVG(SALARY) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;
- 11:57:13 AM 100ms SELECT COUNT(\*) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;
- 11:56:25 AM 458ms SELECT \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ORDER BY LASTNAME ASC;
- 11:54:55 AM 334ms SELECT \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE HIREDATE > '2018-01-01';
- 11:53:41 AM 314ms SELECT FirstName, LastName, Salary FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salary > 6000...
- 11:52:25 AM 510ms SELECT \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$276 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f0b8-0002-e6f3-0000-2f4b0008899e

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	189ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 9:22:35 PM	01b6f0b8-0002-e6f3-0000-2f4b0008899e ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 9:22:36 PM	—	51999169527906 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE IF EXISTS COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
ADD COLUMN IF NOT EXISTS
DepartmentID INT;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.



Search

BANK

COMPANYDB

COMPANY\_SCHEMA

- Tables
  - DEPARTMENTS
  - EMPLOYEES**
- Stages
- File Formats
- Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 4 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0) NOT NULL,
3     FIRSTNAME VARCHAR(50),
4     LASTNAME VARCHAR(50),
5     DATEOFBIRTH DATE,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(10,2),
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(50),
10    HIREDATE DATE,
11    primary key (EMPLOYEEID),
12    constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
13        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID)
14 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

```
250
251
252
253
254
255
256
257 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
258 ADD CONSTRAINT FK_Employee_Department
259 FOREIGN KEY (DepartmentID) REFERENCES COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS (DepartmentID)
260 ON DELETE CASCADE;
261
262 -- 4.4 Enforce Referential Integrity:
263 -- 4.4.1 Add a foreign key constraint to the Students table, linking the Major column to a hypothetical Majors table that contains all valid majors offered by the school.
264
265
266
267 -- Unique and Not Null Constraints
```

Results

status
1 Statement executed successfully.

Query Details

Query duration 66ms

Rows 1

Query ID 01b6e8ed-0002-e2c5-0...

Show more ▾

status A  
100% filled

15 Queries

Mon Sep 9 2024

- 12:07:24 PM 66ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN K...
- 12:07:01 PM 77ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN K...
- 12:04:43 PM 117ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN K...
- 12:03:12 PM 67ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS DepartmentID...
- 11:57:34 AM 263ms SELECT AVG(SALARY) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;
- 11:57:13 AM 100ms SELECT COUNT(\*) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;
- 11:56:25 AM 45ms SELECT \* FROM COMPANYDB COMPANY SCHEMA EMPLOYEES ORDER BY LASTNAME ASC;

```
272
273
274
275
276
277
278
279
280
281 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
ADD CONSTRAINT UC_Employee_FullName UNIQUE (FirstName,LastName);
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
ADD CONSTRAINT UC_DeptName UNIQUE (DepartmentName);
-- 2. Prevent NULL Values:
-- Modify the Employees table to ensure that the FirstName, LastName, DateOfBirth, and Salary columns cannot contain NULL values.
-- In the Departments table, ensure that the DepartmentName cannot be NULL.
```

Results

status
1 Statement executed successfully.

Query Details

Query duration 90ms

Rows 1

Query ID 01b6e984-0002-e2c9-0...

Show more ▾

status A  
100% filled

8 Queries

Mon Sep 9 2024

- 2:38:06 PM 90ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT UC\_Employee\_FullName UNIQUE (Fir...
- 2:36:55 PM 82ms ALTER TABLE employees DROP CONSTRAINT UC\_Student\_FullName;
- 2:25:52 PM 582ms UPDATE departments SET departmenthead = TRUE FROM employees WHERE departments.departmentid = e...
- 2:09:57 PM 798ms UPDATE employees SET employees.salary = 80000 FROM departments WHERE employees.departmentid = ...
- 1:51:50 PM 266ms UPDATE employees SET departmentid = ( SELECT departmentid FROM depart...

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

- Tables
  - DEPARTMENTS
  - EMPLOYEES**
- Stages
- File Formats
- Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 6 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0) NOT NULL,
3     FIRSTNAME VARCHAR(50) NOT NULL,
4     LASTNAME VARCHAR(50) NOT NULL,
5     DATEOFBIRTH DATE NOT NULL,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(12,2) NOT NULL,
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(100),
10    HIREDATE DATE,
11    primary key (EMPLOYEEID),
12    constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
13        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID),
14        constraint UC_EMPLOYEE_FULLNAME unique (FIRSTNAME, LASTNAME)
15 );
```

Show less ^

### Privileges

Group by Role + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

```
274
275   ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
276     ADD CONSTRAINT UC_DeptName UNIQUE (DepartmentName);
277
278 -- 2. Prevent NULL Values:
```

**Results** **Chart**

status	
1	Statement executed successfully.

Query Details

Query duration 67ms

Rows 1

Query ID 01b6e8f1-0002-e2c0-0...

Show more ▾

status	
100% filled	

16 Queries

Mon Sep 9 2024

- 12:11:20 PM 67ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD CONSTRAINT UC\_DeptName UNIQUE (DepartmentName);
- 12:10:09 PM 82ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT UC\_Student\_FullName UNIQUE (First Name, Last Name);
- 12:07:24 PM 66ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN KEY (DepartmentID) REFERENCES COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS (DepartmentID);
- 12:07:01 PM 77ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN KEY (DepartmentID) REFERENCES COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS (DepartmentID);
- 12:04:43 PM 117ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department FOREIGN KEY (DepartmentID) REFERENCES COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS (DepartmentID);
- 12:03:12 PM 67ms ALTER TABLE IF EXISTS COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS DepartmentID INT;
- 11:57:34 AM 263ms SELECT AVG(SALARY) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES;

Status Successful ▾ C

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 4 hours ago 7 1.5KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS (
2     DEPARTMENTID NUMBER(38,0) NOT NULL,
3     DEPARTMENTNAME VARCHAR(150),
4     primary key (DEPARTMENTID),
5     constraint UC_DEPTNAME unique (DEPARTMENTNAME)
6 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

```
282 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
283     MODIFY COLUMN FirstName
284     SET NOT NULL;
285
286 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
287     MODIFY COLUMN LastName
288     SET NOT NULL;
289
290 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
291     MODIFY COLUMN DateOfBirth
292     SET NOT NULL;
293
294 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
295     MODIFY COLUMN Salary
296     SET NOT NULL;
297
298 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
299     MODIFY COLUMN DepartmentName
300     SET NOT NULL;
```

↳ Results

status	
1	Statement executed successfully.

Query Details

Query duration	57ms
Rows	1
Query ID	01b6e8f3-0002-e2c8-0...

Show more ▾

17 Queries

Status	Successful	C
Mon Sep 9 2024		
● 12:13:27 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
● 12:13:25 PM	53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
● 12:13:23 PM	130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
● 12:13:21 PM	79ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;
● 12:11:20 PM	67ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT UC_DeptName UNIQUE (Department...

SN

```
297
298 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
299 | MODIFY COLUMN DepartmentName
300 | SET NOT NULL;
301 |
302 | -- Default and Check Constraints
303 | -- Set Default Values:
304 | -- 1. Add a default value of 'Unknown' to the Position column in the Employees table, so if no position is specified, it will default to 'Unknown'.
305 | -- 2. Set a default value of '1000' for the Salary column in the Employees table.
306
307 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
308 | MODIFY COLUMN Position
309 | SET DEFAULT 'Unknown';
310
311 | -- ALTER_TABLE_COMPANYDB_COMPANY_SCHEMA_EMPLOYEES
```

**Results** **Chart**

status	
1	Statement executed successfully.

Query Details

Query duration	113ms
Rows	1
Query ID	01b6e8f5-0002-e2ca-0...

Show more ▾

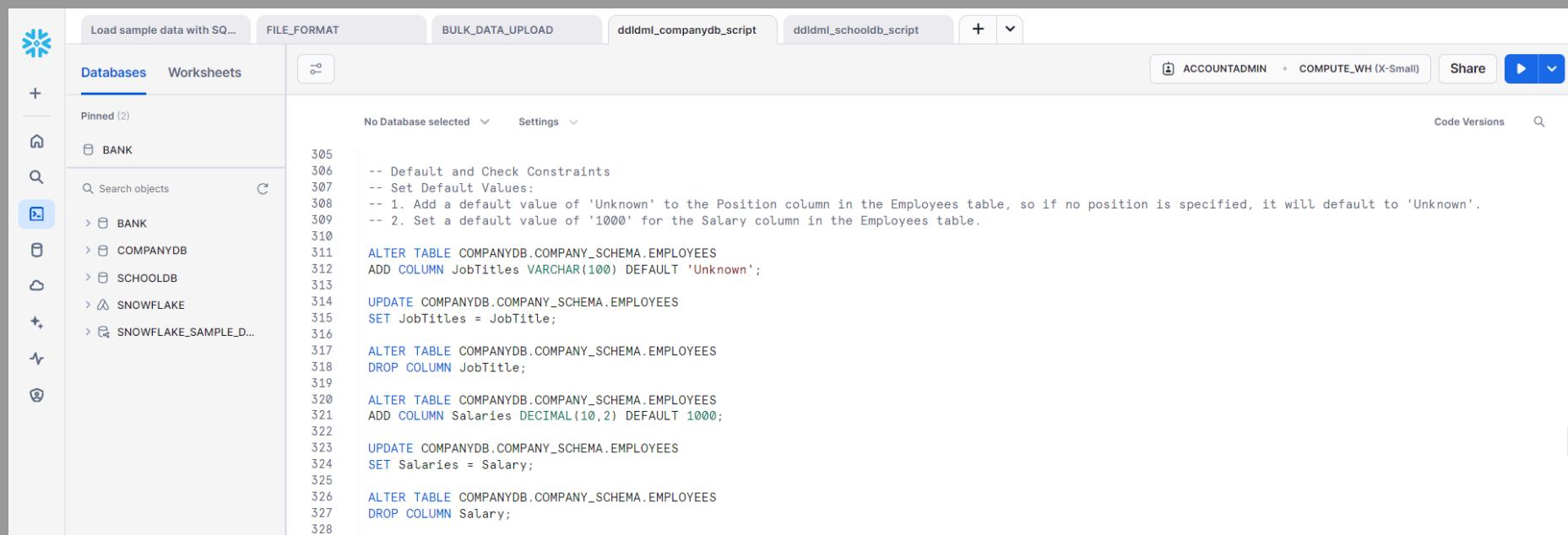
status	
A	

17 Queries

Mon Sep 9 2024

	Date	Duration	Query
●	12:15:18 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
●	12:13:27 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
●	12:13:25 PM	53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
●	12:13:23 PM	130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
●	12:13:21 PM	79ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

Status Successful ▾



The screenshot shows the Snowflake SQL editor interface. The top navigation bar includes tabs for "Load sample data with SQ...", "FILE\_FORMAT", "BULK\_DATA\_UPLOAD", "ddldml\_companydb\_script" (which is selected), and "ddldml\_schooldb\_script". There are also "+" and "▼" buttons, and a user account indicator for "ACCOUNTADMIN" with a "COMPUTE\_WH (X-Small)" badge.

The left sidebar features a tree view of databases and worksheets. Under "Databases", the "BANK" database is selected, showing its schema objects: COMPANYDB, SCHOOLDB, SNOWFLAKE, and SNOWFLAKE\_SAMPLE\_DB. The "Worksheets" tab is also visible.

The main workspace displays a SQL script for modifying the "EMPLOYEES" table in the "COMPANYDB" schema. The script includes comments for default and check constraints, setting default values, and altering the table structure. The code is numbered from 305 to 328.

```
305 -- Default and Check Constraints
306 -- Set Default Values:
307 -- 1. Add a default value of 'Unknown' to the Position column in the Employees table, so if no position is specified, it will default to 'Unknown'.
308 -- 2. Set a default value of '1000' for the Salary column in the Employees table.
309
310 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
311 ADD COLUMN JobTitles VARCHAR(100) DEFAULT 'Unknown';
312
313 UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
314 SET JobTitles = JobTitle;
315
316 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
317 DROP COLUMN JobTitle;
318
319 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
320 ADD COLUMN Salaries DECIMAL(10,2) DEFAULT 1000;
321
322 UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
323 SET Salaries = Salary;
324
325 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
326 DROP COLUMN Salary;
327
328
```

```
322 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
323 | ADD CONSTRAINT CC_Salary
324 |     CHECK (Salary > 0);
325 |
326 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
327 | ADD CONSTRAINT CC_DeptName
328 |     CHECK (LENGTH(DepartmentName) >= 3);
329 |
330 | -- Ensure Valid Date Values:
331 | -- 1. Add a check constraint to the Employees table to ensure that the HireDate is not in the future.
332 | -- 2. Add a check constraint to the Students table to ensure that the EnrollmentDate is not earlier than 2000-01-01.
333 | 
```

Results Chart

Syntax error: unexpected 'CHECK'. (line 324)

11 Queries

Mon Sep 9 2024

- 12:15:18 PM 113ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
- 12:13:27 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
- 12:13:25 PM 53ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
- 12:13:23 PM 130ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
- 12:13:21PM 79ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

Status Successful

```
326 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
327 | ADD CONSTRAINT CC_DeptName
328 |     CHECK (LENGTH(DepartmentName) >= 3);
329 |
330 | -- Ensure Valid Date Values:
331 | -- 1. Add a check constraint to the Employees table to ensure that the HireDate is not in the future.
332 | -- 2. Add a check constraint to the Students table to ensure that the EnrollmentDate is not earlier than 2000-01-01.
333 | 
```

Results Chart

Syntax error: unexpected 'CHECK'. (line 328)

11 Queries

Mon Sep 9 2024

- 12:15:18 PM 113ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
- 12:13:27 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
- 12:13:25 PM 53ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
- 12:13:23 PM 130ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
- 12:13:21PM 79ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

```
333  
334 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
335 | ADD CONSTRAINT CC_HireDate  
336 | CHECK (HireDate <= CURRENT_DATE);  
337  
338 | -- 2. In the Employees table, create a composite primary key on the combination of EmployeeID and HireDate (if HireDate is unique for each employee).  
339 | -- ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.EMPLOYEES  
340 | -- DROP PRIMARY KEY;  
341 | ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.EMPLOYEES  
342 | ADD CONSTRAINT pk_EmpID_HireDate  
343 | PRIMARY KEY (EmployeeID, HireDate);  
344
```

**Results**     

  
Syntax error: unexpected 'CHECK'. (line 336)

**10 Queries**   

Mon Sep 9 2024

- 12:15:18 PM 113ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
- 12:13:27 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
- 12:13:25 PM 53ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
- 12:13:23 PM 130ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
- 12:13:21 PM 79ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

```
340 -- DROP PRIMARY KEY;
341 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
342 ADD CONSTRAINT pk_EmpID_HireDate
343 PRIMARY KEY (EmployeeID, HireDate);
344
345 -- Composite Unique Key:
346 -- 1. Add a composite unique key on the combination of FirstName and LastName in the Departments table to ensure no two departments can have the same head's first and last name
347 combination.
348
349 ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.DEPARTMENTS
350 ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR(50), HeadLastName VARCHAR(50);
351
352 ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.DEPARTMENTS
353 ADD CONSTRAINT CUK_Head_FullName
354 UNIQUE (HeadFirstName, HeadLastName);
```

Results

primary key already exists for table 'EMPLOYEES'

10 Queries

Mon Sep 9 2024

Time	Duration	Query
12:15:18 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
12:13:27 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
12:13:25 PM	53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
12:13:23 PM	130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
12:13:21 PM	79ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

Status Successful

```
344 -- Composite Unique Key:
345 -- 1. Add a composite unique key on the combination of FirstName and LastName in the Departments table to ensure no two departments can have the same head's first and last name
346 combination.
347
348 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
349 ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR(50), HeadLastName VARCHAR(50);
350
351 ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.DEPARTMENTS
352 ADD CONSTRAINT CUK_Head_FullName
353 UNIQUE (HeadFirstName, HeadLastName);
354
```

**Results**  

status	
1	Statement executed successfully.

Query Details  

Query duration 116ms 

Rows 1 

Query ID 01b6e914-0002-e2c0-0... 

Show more 

status 

**10 Queries**  

Mon Sep 9 2024

● 12:46:29 PM 116ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR...
● 12:15:18 PM 113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
● 12:13:27 PM 57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
● 12:13:25 PM 53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
● 12:13:23 PM 130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 5 hours ago 7 1.5KB

Table Details Columns Data Preview Copy History

4 Columns

NAME ↑	TYPE	ORDINAL	TAGS ⓘ	MASKING POLICY	...
DEPARTMENTID	# Number	1			
DEPARTMENTNAME	▲ Varchar	2			
HEADFIRSTNAME	▲ Varchar	3	+ Tag	+ Policy	
HEADLASTNAME	▲ Varchar	4			

Search

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

- Tables
- DEPARTMENTS
- EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 5 hours ago 7 1.5KB

Table Details Columns Data Preview Copy History

COMPUTE\_WH 7 Rows • Updated just now

	DEPARTMENTID	DEPARTMENTNAME	...	HEADFIRSTNAME	HEADLASTNAME
1	2	Sales	...	null	null
2	3	Engineering	...	null	null
3	4	Research & Development	...	null	null
4	5	Marketing	...	null	null
5	6	Operations	...	null	null
6	7	Supply Chain	...	null	null
7	8	Finance	...	null	null

```
351 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
352 | ADD CONSTRAINT CUK_Head_FullName
353 | UNIQUE (HeadFirstName, HeadLastName);
354 |
355 | -- Practice Questions on UPDATE, ALTER, and MODIFY Commands
356 | -- 1. Altering and Modifying Table Structures
357 | -- 1. Modify Data Types:
358 | -- Change the Salary column in the Employees table to a larger precision, for example, DECIMAL(12,2) to allow for higher salaries.
```

↳ Results ↵ Chart

status

1 Statement executed successfully.

Query Details

Query duration 74ms

Rows 1

Query ID 01b6e916-0002-e2c3-0...

Show more ▾

status A

100% filled

11 Queries

Mon Sep 9 2024

Time	Duration	Query
12:48:29 PM	74ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT CUK_Head_FullName UNIQUE (Head...
12:46:29 PM	116ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR...
12:15:18 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
12:13:27 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
12:13:25 PM	53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
12:13:23 PM	130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
12:13:21 PM	79ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;
12:11:20 PM	67ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT UC_DeptName UNIQUE (Department...

Status Successful ✓ ⚙️ ⚙️

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 5 hours ago 7 1.5KB

Table Details Columns Data Preview Copy History

### Table definition

```
1  create or replace TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS (
2      DEPARTMENTID NUMBER(38,0) NOT NULL,
3      DEPARTMENTNAME VARCHAR(150) NOT NULL,
4      HEADFIRSTNAME VARCHAR(50),
5      HEADLASTNAME VARCHAR(50),
6      primary key (DEPARTMENTID),
7      constraint UC_DEPTNAME unique (DEPARTMENTNAME),
8      constraint CUK_HEAD_FULLNAME unique (HEADFIRSTNAME, HEADLASTNAME)
9  );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

```
361 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
362 | MODIFY COLUMN Salary DECIMAL(12,2);
363 |
364 | UPDATE COMPANYDB.COMPANYDB_SCHEMA.EMPLOYEES
365 | SET DateOfBirth = DateOfBirth::TIMESTAMP_NTZ;
366 |
367 | -- 2. Add New Columns:
368 | -- Add a new column Email (VARCHAR(100)) to the Employees table to store employee email addresses.
369 | -- Add a new column DepartmentHead (BOOLEAN) to the Departments table to indicate if a department has a head.
370 |
371 | ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.EMPLOYEES
```

**Results** **Chart**

status	
1	Statement executed successfully.

Query Details

Query duration 63ms

Rows 1

Query ID 01b6e918-0002-e2be-0...

Show more ▾

status	
100% filled	

11 Queries

Mon Sep 9 2024

Time	Duration	Query
12:50:02 PM	63ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DECIMAL(12,2);
12:48:29 PM	74ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT CUK_Head_FullName UNIQUE (Head...
12:46:29 PM	116ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR...
12:15:18 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
12:13:27 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
12:13:25 PM	53ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
12:13:23 PM	130ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
12:13:21 PM	70ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;

Status Successful ▾

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 5 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0) NOT NULL,
3     FIRSTNAME VARCHAR(50) NOT NULL,
4     LASTNAME VARCHAR(50) NOT NULL,
5     DATEOFBIRTH DATE NOT NULL,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(12,2) NOT NULL,
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(50),
10    HIREDATE DATE,
11    primary key (EMPLOYEEID),
12    constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID),
13    constraint UC_STUDENT_FULLNAME unique (FIRSTNAME, LASTNAME)
14 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

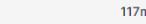
OWNERSHIP

```
371 | ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
372 | ADD COLUMN IF NOT EXISTS Email VARCHAR(100);
373 |
374 | -- ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.EMPLOYEES
375 | -- MODIFY COLUMN Email VARCHAR(100);
376 |
377 | ALTER TABLE COMPANYDB.COMPANYDB_SCHEMA.DEPARTMENTS
378 | ADD COLUMN IF NOT EXISTS DepartmentHead BOOLEAN;
379 |
380 | -- 3. Rename Columns:
381 | -- Rename the Major column in the Students table to Course to better reflect the data it stores.
382 | -- Rename the Position column in the Employees table to JobTitle.
```

**Results**     

status	
1	Statement executed successfully.

Query Details  

Query duration 117ms 

Rows 1 

Query ID 01b6e92f-0002-e2c3-0... 

Show more 

status	
	A

100% filled 

**8 Queries**  

Mon Sep 9 2024

Time	DURATION	QUERY
1:13:43 PM	117ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS Email VARCHAR(100);
1:13:07 PM	594ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET DateOfBirth = DateOfBirth::TIMESTAMP_NTZ;
12:58:59 PM	601ms	SELECT HireDate, COUNT(*) FROM "COMPANYDB"."COMPANY_SCHEMA"."EMPLOYEES" GROUP BY HIREDATE HAVING COUNT(*) > 1
12:50:02 PM	63ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DECIMAL(12,2);
12:48:29 PM	74ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT CUK_Head_FullName UNIQUE (HeadFirstName, HeadLastName)
12:46:29 PM	116ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR(100);
12:15:18 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
10:40:01 PM	113ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN City SET NOT NULL;

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

Snowflake

Snowflake\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 5 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1  create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2      EMPLOYEEID NUMBER(38,0) NOT NULL,
3      FIRSTNAME VARCHAR(50) NOT NULL,
4      LASTNAME VARCHAR(50) NOT NULL,
5      DATEOFBIRTH DATE NOT NULL,
6      JOBTITLE VARCHAR(50),
7      SALARY NUMBER(12,2) NOT NULL,
8      DEPARTMENTID NUMBER(38,0),
9      EMAIL VARCHAR(100),
10     HIREDATE DATE,
11     primary key (EMPLOYEEID),
12     constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID),
13     constraint UC_STUDENT_FULLNAME unique (FIRSTNAME, LASTNAME)
14 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

```
373
374 -- ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
375 -- MODIFY COLUMN Email VARCHAR(100);
376
377 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
378 ADD COLUMN IF NOT EXISTS DepartmentHead BOOLEAN;
379
380 -- 3. Rename Columns:
381 -- Rename the Major column in the Students table to Course to better reflect the data it stores.
382 -- Rename the Position column in the Employees table to JobTitle.
```

**Results** **Chart**

status	
1	Statement executed successfully.

Query Details

Query duration 143ms

Rows 1

Query ID 01b6e930-0002-e2c7-0...

Show more ▾

status	
100% filled	

7 Queries

Mon Sep 9 2024

Time	Duration	Query
1:14:12 PM	143ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLEAN;
1:13:43 PM	117ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS Email VARCHAR(100);
1:13:07 PM	594ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET DateOfBirth = DateOfBirth::TIMESTAMP_NTZ;
12:58:59 PM	601ms	SELECT HireDate, COUNT(*) FROM "COMPANYDB"."COMPANY_SCHEMA"."EMPLOYEES" GROUP BY HIREDATE HAVING...
12:50:02 PM	63ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DECIMAL(12, 2);
12:48:29 PM	74ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD CONSTRAINT CUK_Head_FullName UNIQUE (HeadFi...
12:46:29 PM	116ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS HeadFirstName VARCHAR <...

Status Successful ▾ C

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

Snowflake

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 5 hours ago 7 1.5KB

Table Details Columns Data Preview Copy History

### Table definition

```
1  create or replace TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS (
2      DEPARTMENTID NUMBER(38,0) NOT NULL,
3      DEPARTMENTNAME VARCHAR(150) NOT NULL,
4      HEADFIRSTNAME VARCHAR(50),
5      HEADLASTNAME VARCHAR(50),
6      DEPARTMENTHEAD BOOLEAN,
7      primary key (DEPARTMENTID),
8      constraint UC_DEPTNAME unique (DEPARTMENTNAME),
9      constraint CUK_HEAD_FULLNAME unique (HEADFIRSTNAME, HEADLASTNAME)
10 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f150-0002-e66d-0000-2f4b00085d8a

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Failed	42ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 11:54:10 PM	01b6f150-0002-e66d-0000-2f4b00085d8a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 11:54:10 PM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
MODIFY JobTitles SET DEFAULT 'Employee';
```

⚠ Unsupported feature 'Alter Column Set Default'.

```
404 | UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
405 | SET Salary = 70000
406 | WHERE JobTitle = 'Junior Developer';
407 |
408 | -- Change the DepartmentName of the department with DepartmentID = 2 to 'Research & Development'.
409 |
410 | UPDATE COMPANYDB.COMPANYDB_SCHEMA.DEPARTMENTS
411 | SET DepartmentName = 'Research & Development'
412 | WHERE DepartmentID = 2;
413 |
414 | -- 2. Conditional Updates:
415 | -- Update the JobTitle of employees who were hired before 2015-01-01 to 'Senior Developer'.
416 |
```

↳ Results ↵ Chart

number of rows updated	number of multi-joined rows updated
1	195
	0

Query Details

Query duration 624ms

Rows 1

Query ID 01b6e938-0002-e2c4-...

Show more ▾

number of rows updated #  
100% filled

number of multi-joined rows updated #

10 Queries

Mon Sep 9 2024

Status Successful ▾ C

- 1:22:53 PM 624ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 70000 WHERE JobTitle = 'Junior Developer'...
- 1:20:43 PM 192ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLEAN;
- 1:19:26 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Email VARCHAR(100);
- 1:14:12 PM 143ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLEAN;
- 1:13:43 PM 117ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS Email VARCHAR(100);
- 1:13:07 PM 594ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET DateOfBirth = DateOfBirth::TIMESTAMP\_NTZ;
- 12:58:59 PM 601ms SELECT HireDate, COUNT(\*) FROM "COMPANYDB"."COMPANY\_SCHEMA"."EMPLOYEES" GROUP BY HIREDATE HAVING COUNT(\*) > 1

```
407
410 UPDATE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
411 SET DepartmentName = 'Research & Development'
412 Where DepartmentID = 2;
413
414 -- 2. Conditional Updates:
415 -- Update the JobTitle of employees who were hired before 2015-01-01 to 'Senior Developer'.
416
```

↳ Results ⚡ Chart

number of rows updated	number of multi-joined rows updated
1	1

Query Details

Query duration 560ms

Rows 1

Query ID 01b6e939-0002-e2be-...

Show more ↴

number of rows updated
100% filled

number of multi-joined rows updated #

11 Queries

Mon Sep 9 2024

Status Successful ✅ C

- 1:23:54 PM 560ms UPDATE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS SET DepartmentName = 'Research & Development' Wher...
- 1:22:53 PM 624ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 70000 WHERE JobTitle = 'Junior Develop...
- 1:20:43 PM 192ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLE...
- 1:19:26 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Email VARCHAR(100);
- 1:14:12 PM 143ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLE...
- 1:13:43 PM 117ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS Email VARCHAR(100);
- 1:13:07 PM 594ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET DateOfBirth = DateOfBirth::TIMESTAMP\_NTZ;

SN

□ □ □

```

417 UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
418 SET JobTitle = 'Senior Developer'
419 WHERE Hiredate < '2015-01-01';
420
421 -- 3. Bulk Updates:
422 -- Increase the Salary of all employees by 10%.
423
424 -- Set the DepartmentID of all employees currently in the HR department to NULL (assuming the department is being dissolved).
425 -- 4. Update Using Joins:
426 -- Update the Salary of employees in the Sales department to 80000 using a join between Employees and Departments on DepartmentID.
427 -- Set the DepartmentHead to TRUE for the department that has an employee named 'John Doe'.

```

**Results**

number of rows updated	number of multi-joined rows updated
1	0

Query Details   
 Query duration 402ms  
 Rows 1  
 Query ID 01b6e93a-0002-e2ca-0...  
 Show more

number of rows updated   
 100% filled

number of multi-joined rows updated

12 Queries   
 Status Successful   
 Mon Sep 9 2024
 

- 1:24:20 PM 402ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < ...
- 1:23:54 PM 560ms UPDATE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS SET DepartmentName = 'Research & Development' Wher...
- 1:22:53 PM 624ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 70000 WHERE JobTitle = 'Junior Develop...
- 1:20:43 PM 192ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLE...
- 1:19:26 PM 57ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Email VARCHAR(100);
- 1:14:12 PM 143ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS ADD COLUMN IF NOT EXISTS DepartmentHead BOOLE...
- 1:13:43 PM 117ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD COLUMN IF NOT EXISTS Email VARCHAR(100);

```

420 -- Increase the Salary of all employees by 10%.
421 UPDATE employees SET salary = salary + salary*0.1;
422 -- Set the DepartmentID of all employees currently in the HR department to NULL (assuming the department is being dissolved).
423 UPDATE employees SET departmentid = NULL where
424 -- 4. Update Using Joins:
425 -- Update the Salary of employees in the Sales department to 80000 using a join between Employees and Departments on DepartmentID.
426 -- Set the DepartmentHead to TRUE for the department that has an employee named 'John Doe'.

```

**Results**

number of rows updated	number of multi-joined rows updated
1	1005

Query Details   
 Query duration 547ms  
 Rows 1  
 Query ID 01b6e94b-0002-e2c4-...  
 Show more

number of rows updated   
 100% filled

14 Queries   
 Status Successful   
 Mon Sep 9 2024
 

- 1:41:06 PM 547ms UPDATE employees SET salary = salary + salary\*0.1;
- 1:38:48 PM 598ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < ...
- 1:24:20 PM 402ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < ...
- 1:23:54 PM 560ms UPDATE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS SET DepartmentName = 'Research & Development' Wher...
- 1:22:53 PM 624ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = 70000 WHERE JobTitle = 'Junior Develop...

```
421 UPDATE employees SET salary = salary + salary*0.1;
422 -- Set the DepartmentID of all employees currently in the HR department to NULL (assuming the department is being dissolved).
423 UPDATE employees SET departmentid = NULL
424 WHERE departmentid =
425     SELECT departmentid FROM departments
426     WHERE departmentname = 'HR'
427 );
428 -- 4. Update Using Joins:
429 -- Update the Salary of employees in the Sales department to 80000 using a join between Employees and Departments on DepartmentID.
430 -- Set the DepartmentHead to TRUE for the department that has an employee named 'John Doe'.
```

**Results** **Chart**

number of rows updated	number of multi-joined rows updated
1	0

Rows: 1  
Query ID: 91b6e955-0002-e2ca-0...

Show more ▾

number of rows updated #  
100% filled

number of multi-joined rows updated #

12 Queries

Mon Sep 9 2024

Time	Duration	Query
1:51:50 PM	266ms	UPDATE employees SET departmentid = NULL WHERE departmentid = ( SELECT departmentid FROM depart...
1:50:22 PM	545ms	UPDATE employees SET departmentid = NULL where departmentid = (select departmentid from depart...
1:41:06 PM	547ms	UPDATE employees SET salary = salary + salary*0.1;
1:38:48 PM	598ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < '...
1:24:20 PM	402ms	UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < '...

Status Successful ✓ C

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / DEPARTMENTS

Table ACCOUNTADMIN 5 hours ago 7 2.0KB

Table Details Columns Data Preview Copy History

COMPUTE\_WH 7 Rows • Updated just now

	DEPARTMENTID	DEPARTMENTNAME	HEADFIRSTNAME	HEADLASTNAME	DEPARTMENTHEAD
1	2	Research & Development	null	null	null
2	3	Engineering	null	null	null
3	4	Research & Development	null	null	null
4	5	Marketing	null	null	null
5	6	Operations	null	null	null
6	7	Supply Chain	null	null	null
7	8	Finance	null	null	null

```
427 );
428 -- 4. Update Using Joins:
429 -- Update the Salary of employees in the Sales department to 80000 using a join between Employees and Departments on DepartmentID.
430 -- Set the DepartmentHead to TRUE for the department that has an employee named 'John Doe'.
431
432 UPDATE employees
433 SET employees.salary = 80000
434 FROM departments
435 WHERE employees.departmentid = departments.departmentid
436 AND departments.departmentname = 'Sales';
437
438 |
```

Results

number of rows updated	number of multi-joined rows updated
1	0

Query Details

Rows	Query ID
1	91b6e967-0002-e2c8-0...

Query duration 798ms

Show more ▾

number of rows updated # 100% filled

13 Queries

Mon Sep 9 2024

Status Successful ✓ ⚙ C

- 2:09:57 PM 798ms UPDATE employees SET employees.salary = 80000 FROM departments WHERE employees.departmentid = ...
- 1:51:50 PM 266ms UPDATE employees SET departmentid = NULL WHERE departmentid = ( SELECT departmentid FROM depart...
- 1:50:22 PM 545ms UPDATE employees SET departmentid = NULL where departmentid = (select departmentid from depart...
- 1:41:06 PM 547ms UPDATE employees SET salary = salary + salary\*0.1;
- 1:38:48 PM 598ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET JobTitle = 'Senior Developer' WHERE Hiredate < ...

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (i) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f156-0002-e688-0000-2f4b00084d8a

COMPUTE\_WH SAYANTANN

C C

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	349ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:00:13 AM	01b6f156-0002-e688-0000-2f4b00084d8a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:00:13 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

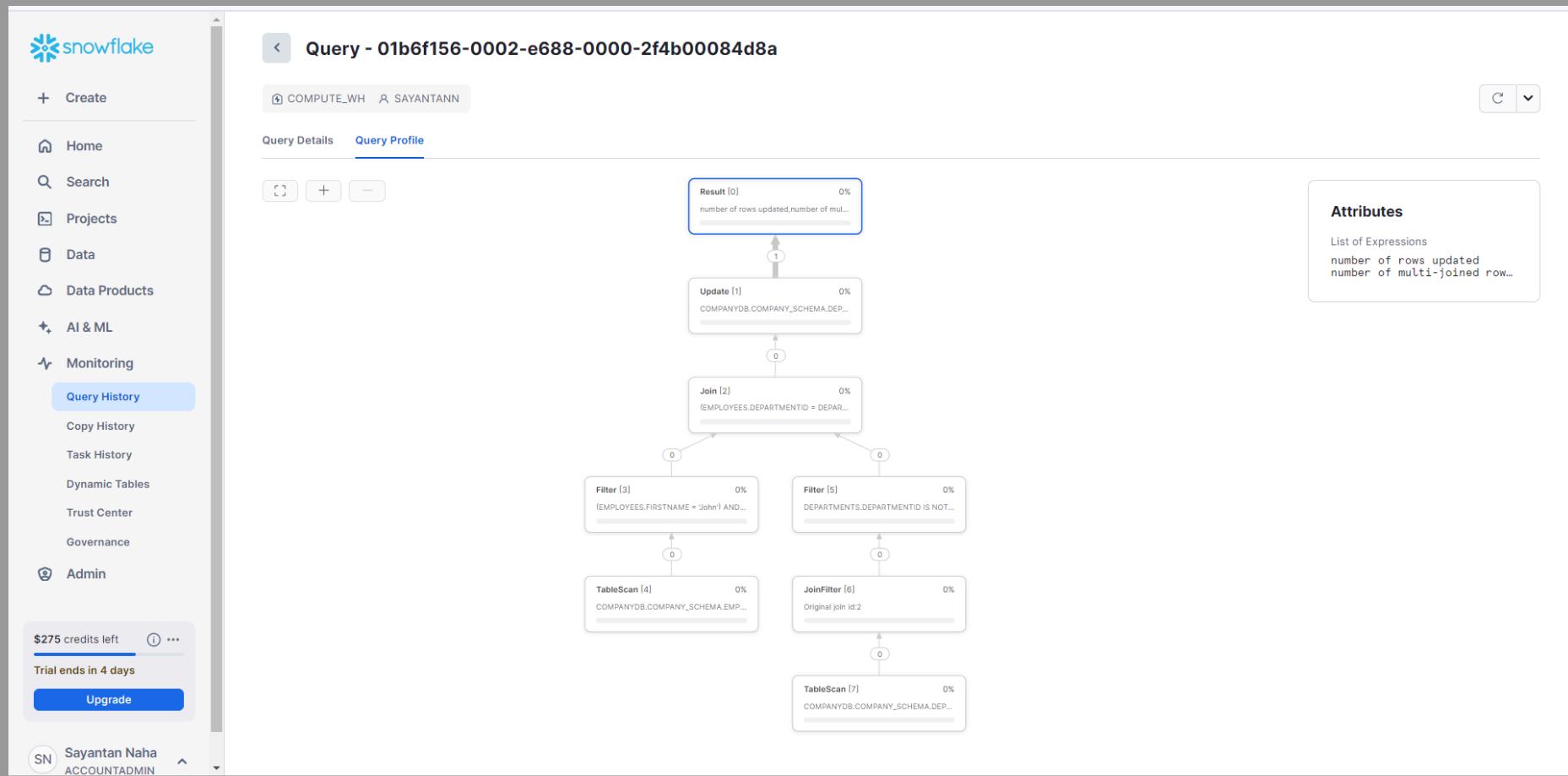
**SQL Text**

```
UPDATE departments
SET departmenthead = TRUE
FROM employees
WHERE employees.departmentid = departments.departmentid
AND employees.firstname = 'John' AND employees.lastname = 'Doe';
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	number of rows updated	number of multi-joined rows updated
1	0	0



 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f156-0002-e688-0000-2f4b00084d92

COMPUTE\_WH SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	634ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:00:52 AM	01b6f156-0002-e688-0000-2f4b00084d92 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:00:53 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
CREATE TABLE employees1
AS
SELECT EMPLOYEEID, LASTNAME, FIRSTNAME, DATEOFBIRTH, JOBTITLES, SALARIES, DEPARTMENTID, EMAIL, HIREDATE
FROM employees;
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	status
1	Table EMPLOYEES1 successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f159-0002-e68d-0000-2f4b0008ad66

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	<div style="width: 80%;">63ms</div>	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:03:49 AM	01b6f159-0002-e68d-0000-2f4b0008ad66 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:03:49 AM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES1
RENAME TO emp1;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f15e-0002-e6f1-0000-2f4b0008bd82

COMPUTE\_WH SAYANTANN

C ⌂

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	610ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:08:34 AM	01b6f15e-0002-e6f1-0000-2f4b0008bd82	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:08:35 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
CREATE OR REPLACE TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
AS
SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPARTMENTID
FROM departments;
```

### Results 1 of 1 Row • Cluster 1

Export Results

	status
1	Table DEPARTMENTS successfully created.

Search objects

BANK

COMPANYDB

COMPANY\_SCHEMA

Tables

DEPARTMENTS

DEPT

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

DEPT

7 Rows

DEPARTMENTNAME VARCHAR(150)  
HEADFIRSTNAME VARCHAR(50)  
HEADLASTNAME VARCHAR(50)  
DEPARTMENTHEAD BOOLEAN  
DEPARTMENTID NUMBER(38,0)

status

Query Details

1 Table DEPT successfully created.

Query duration 1.2s

Rows 1

Query ID 01b6eade-0002-e6f1-0...

Show more

451 FROM employees;  
452  
453 ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES1  
454 RENAME TO employees;  
455  
456 -- Reorder the Departments table so that DepartmentID is the last column.  
457  
458 CREATE TABLE dept  
459 AS  
460 SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPARTMENTID  
461 FROM departments;  
462  
463 -- Drop and Add Constraints:  
464 -- Drop the foreign key constraint on DepartmentID in the Employees table, and then add it back with ON DELETE CASCADE.  
465 -- Drop the unique constraint on the combination of FirstName and LastName in the Employees table.  
466 -- Add and Drop Indexes:  
467 -- Add an index on the EnrollmentDate column in the Students table to speed up queries.  
468 -- Drop the composite index on FirstName and LastName in the Employees table.  
469  
470 -- Combined Operations  
471 -- Update and Alter Combined:  
472 -- First, update all employee Salaries to NULL, then modify the Salary column to set a NOT NULL constraint with a default value of 50000.

14 Queries

Status Successful

8:01:10 PM 127ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT FK\_Employee\_Department F...  
7:59:07 PM 131ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES ADD CONSTRAINT PK\_EmployeeID PRIMARY KE...  
7:52:02 PM 192ms select \* from COMPANYDB.COMPANY\_SCHEMA.Employees;  
7:51:36 PM 129ms select count(\*) from employees;

COMPANYDB.COMPANY\_SCHEMA ▾ Settings ▾

Code Versions Q

```
462
463  -- Drop and Add Constraints:
464  -- Drop the foreign key constraint on DepartmentID in the Employees table, and then add it back with ON DELETE CASCADE.
465  ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
466  DROP CONSTRAINT FK_EMPLOYEE_DEPARTMENT;
467
468  -- Drop the unique constraint on the combination of FirstName and LastName in the Employees table.
469  -- Add and Drop Indexes:
470  -- Add an index on the EnrollmentDate column in the Students table to speed up queries.
471  -- Drop the composite index on FirstName and LastName in the Employees table.
472
```

↳ Results ▾ Chart

status

1 Statement executed successfully.
------------------------------------

Query Details

Query duration 238ms

Rows 1

Query ID 01b6eaec-0002-e66c-0...

Show more ▾

status A

100% filled
-------------

14 Queries

Mon Sep 9 2024

Time	Duration	Query
8:38:25 PM	238ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP CONSTRAINT FK_EMPLOYEE_DEPARTMENT;
8:24:39 PM	1.2s	CREATE TABLE dept AS SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPAR...
8:09:00 PM	90ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT pk_EmpID_HireDate PRIMARY KEY (E...
8:08:25 PM	70ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP PRIMARY KEY;
8:02:35 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
8:02:29 PM	37ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
8:02:23 PM	85ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;
8:02:20 PM	136ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN LastName SET NOT NULL;
8:02:16 PM	104ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN FirstName SET NOT NULL;
8:01:59 PM	104ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT UC_Employee_FullName UNIQUE (Fir...
8:01:19 PM	80ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT FK_Employee_Department FOREIGN K...

Status Successful ▾ C

SN

Search

- BANK
- COMPANYDB
  - COMPANY\_SCHEMA
    - Tables
      - DEPARTMENTS
      - DEPT
      - EMPLOYEES
  - INFORMATION\_SCHEMA
  - PUBLIC
- SNOWFLAKE
- SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 1 hour ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0),
3     LASTNAME VARCHAR(50) NOT NULL,
4     FIRSTNAME VARCHAR(50) NOT NULL,
5     DATEOFBIRTH DATE NOT NULL,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(12,2) NOT NULL,
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(100),
10    HIREDATE DATE,
11    constraint UC_EMPLOYEE_FULLNAME unique (FIRSTNAME, LASTNAME),
12    constraint PK_EMPID_HIREDATE primary key (EMPLOYEEID, HIREDATE)
13 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

COMPANYDB.COMPANY\_SCHEMA ▾     Settings ▾     Code Versions     Q

```
462
463 -- Drop and Add Constraints:
464 -- Drop the foreign key constraint on DepartmentID in the Employees table, and then add it back with ON DELETE CASCADE.
465 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
466 DROP CONSTRAINT FK_EMPLOYEE_DEPARTMENT;
467
468 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
469 ADD CONSTRAINT FK_EMPLOYEE_DEPARTMENT
470 FOREIGN KEY (DepartmentID)
471 references COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DepartmentID)
472 ON DELETE CASCADE;
473
474 -- Drop the unique constraint on the combination of FirstName and LastName in the Employees table.
475 -- Add and Drop Indexes:
476 -- Add an index on the EnrollmentDate column in the Students table to speed up queries.
```

↳ Results    ↳ Chart

status
1 Statement executed successfully.

Query Details     ...

Query duration 92ms

Rows 1

Query ID 01b6eaf4-0002-e688-0...

Show more ▾

status
100% filled

14 Queries

Mon Sep 9 2024

Time	Duration	Query
8:46:50 PM	92ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT FK_EMPLOYEE_DEPARTMENT FOREIGN K...
8:38:25 PM	238ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP CONSTRAINT FK_EMPLOYEE_DEPARTMENT;
8:24:39 PM	1.2s	CREATE TABLE dept AS SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPAR...
8:09:00 PM	90ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT pk_EmpID_HireDate PRIMARY KEY (E...
8:08:25 PM	70ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP PRIMARY KEY;
8:02:35 PM	57ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS MODIFY COLUMN DepartmentName SET NOT NULL;
8:02:29 PM	37ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN Salary SET NOT NULL;
8:02:23 PM	85ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES MODIFY COLUMN DateOfBirth SET NOT NULL;

Status Successful ▾     C

SN

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

- Tables
  - DEPARTMENTS
  - DEPT
  - EMPLOYEES
- Stages
- File Formats
- Pipes

INFORMATION\_SCHEMA

PUBLIC

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 1 hour ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0),
3     LASTNAME VARCHAR(50) NOT NULL,
4     FIRSTNAME VARCHAR(50) NOT NULL,
5     DATEOFBIRTH DATE NOT NULL,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(12,2) NOT NULL,
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(100),
10    HIREDATE DATE,
11    constraint UC_EMPLOYEE_FULLNAME unique (FIRSTNAME, LASTNAME),
12    constraint PK_EMPID_HIREDATE primary key (EMPLOYEEID, HIREDATE),
13    constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID)
14 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

**Databases** Worksheets

Pinned (2)

- BANK
- Search objects C
- COMPANY\_SCHEMA
  - Tables
    - DEPARTMENTS
    - DEPT
    - EMPLOYEES**
  - Stages
  - File Formats
  - Pipes
- INFORMATION\_SCHEMA

EMPLOYEES 1.0K Rows ...

#	EMPLOYEEID	NUMBER(38,0)
A	LASTNAME	VARCHAR(50)
A	FIRSTNAME	VARCHAR(50)
C	DATEOFBIRTH	DATE
A	JOBTITLE	VARCHAR(50)
#	SALARY	NUMBER(12,2)
#	DEPARTMENTID	NUMBER(38,0)
A	EMAIL	VARCHAR(100)
C	HIREDATE	DATE

SN

COMPANYDB.COMPANY\_SCHEMA Settings

458 CREATE OR REPLACE TABLE COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS  
 459 AS  
 460 SELECT DEPARTMENTNAME, HEADFIRSTNAME, HEADLASTNAME, DEPARTMENTHEAD, DEPARTMENTID  
 461 FROM departments;  
 462  
 -- Drop and Add Constraints:  
 463 -- Drop the foreign key constraint on DepartmentID in the Employees table, and then add it back with ON DELETE CASCADE.  
 464 ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES  
 465 ADD CONSTRAINT FK\_Employee\_Department  
 466 FOREIGN KEY (DepartmentID)  
 467 REFERENCES COMPANYDB.COMPANY\_SCHEMA.DEPARTMENTS (DepartmentID);  
 468  
 -- Drop the unique constraint on the combination of FirstName and LastName in the Employees table.  
 469  
 470 ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES  
 471 DROP CONSTRAINT UC\_EMPLOYEE\_FULLNAME  
 472 CASCADE;|

473  
 474  
 475  
 476  
 477  
 478

**Results** Chart

status	Query Details	...
1 Statement executed successfully.	Query duration 67ms	
	Rows 1	
	Query ID 01b6eb34-0002-e66d-...	
	Show more  A	

25 Queries Status All C

Mon Sep 9 2024

9:50:56 PM 67ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP CONSTRAINT UC_EMPLOYEE_FULLN...
9:50:29 PM 67ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP CONSTRAINT UC_EMPLOYEE_FULLN...
9:38:47 PM 129ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT FK_Employee_Depar...
9:36:46 PM 176ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES DROP CONSTRAINT FK_Employee_Depar...
9:36:01 PM 115ms	ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES ADD CONSTRAINT FK_Employee_Depar...

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddm1\_companydb\_script dddm1\_schooldb\_script 2024-09-09 11:21am + ↻ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ▶

COMPANYDB.COMPANY\_SCHEMA Settings Code Versions Q

```
479 -- Add and Drop Indexes:  
480 -- Drop the composite index on FirstName and LastName in the Employees table.  
481  
482  
483 -- Combined Operations  
484 -- Update and Alter Combined:  
485 -- First, update all employee Salaries to NULL, then modify the Salary column to set a NOT NULL constraint with a default value of 50000.  
486  
487 -- Because previously Salary Column had a NOT NULL constraint already  
488 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
489 MODIFY COLUMN Salary  
490 DROP NOT NULL;  
491 UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
492 SET Salary = NULL;  
493 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
494 MODIFY COLUMN Salary  
495 ADD CONSTRAINT NOT NULL  
496 SET DEFAULT 50000;  
497  
498 -- Add a new column PhoneNumber to the Employees table and immediately populate it with a default value for all existing rows.  
499 -- Modify and Update Combined:  
500 -- Modify the JobTitle column to accept a maximum of 100 characters, then update all employees with the title 'Intern' to have the title 'Temporary Employee'.  
501 -- Add a column Graduated (BOOLEAN) to the Students table, then update this column to TRUE for all students whose Course is 'Alumni'.  
...
```

↳ Results ↵ Chart

status
1 Statement executed successfully.

Query Details ...  
Query duration 73ms  
Rows 1  
Query ID 01b6ee51-0002-e68d-0...  
Show more ↴

25 Queries Status All ↻ C  
Tue Sep 10 2024  
● 11:08:23 AM 531ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = NULL;  
● 11:07:36 AM 73ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DROP NOT NULL;  
● 11:07:15 AM 50ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DROP CONSTRAINT NOT NULL;

SN

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am + ↻ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ▶

COMPANYDB.COMPANY\_SCHEMA Settings Code Versions Q

```
479 -- Add and Drop Indexes:  
480 -- Drop the composite index on FirstName and LastName in the Employees table.  
481  
482  
483 -- Combined Operations  
484 -- Update and Alter Combined:  
485 -- First, update all employee Salaries to NULL, then modify the Salary column to set a NOT NULL constraint with a default value of 50000.  
486  
487 -- Because previously Salary Column had a NOT NULL constraint already  
488 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
489 MODIFY COLUMN Salary  
490 DROP NOT NULL;  
491 UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
492 SET Salary = NULL;  
493 ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES  
494 MODIFY COLUMN Salary  
495 ADD CONSTRAINT NOT NULL  
496 SET DEFAULT 5000;  
497  
498 -- Add a new column PhoneNumber to the Employees table and immediately populate it with a default value for all existing rows.  
499 -- Modify and Update Combined:  
500 -- Modify the JobTitle column to accept a maximum of 100 characters, then update all employees with the title 'Intern' to have the title 'Temporary Employee'.  
501 -- Add a column Graduated (BOOLEAN) to the Students table, then update this column to TRUE for all students whose Course is 'Alumni'.  
502
```

↳ Results ↵ Chart

number of rows updated	number of multi-joined rows updated	Rows
1	1005	1

Query Details ...  
Query duration 531ms  
Rows 1  
Query ID 01b6ee52-0002-e66c-0...  
Show more ↴

25 Queries Status All C  
Tue Sep 10 2024  
11:08:23 AM 531ms UPDATE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES SET Salary = NULL;  
11:07:36 AM 73ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DROP NOT NULL;  
11:07:15 AM 50ms ALTER TABLE COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES MODIFY COLUMN Salary DROP CONSTRAINT NOT NULL;

SN

Q Search C

- > BANK
- > COMPANYDB
  - > COMPANY\_SCHEMA
    - Tables
      - DEPARTMENTS
      - DEPT
      - EMPLOYEES**
  - > Stages
  - > File Formats
  - > Pipes
  - > INFORMATION\_SCHEMA
  - > PUBLIC
  - > SNOWFLAKE
  - > SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table Table ACCOUNTADMIN 15 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES (
2     EMPLOYEEID NUMBER(38,0),
3     LASTNAME VARCHAR(50) NOT NULL,
4     FIRSTNAME VARCHAR(50) NOT NULL,
5     DATEOFBIRTH DATE NOT NULL,
6     JOBTITLE VARCHAR(50),
7     SALARY NUMBER(12,2),
8     DEPARTMENTID NUMBER(38,0),
9     EMAIL VARCHAR(100),
10    HIREDATE DATE,
11    constraint PK_EMPID_HIREDATE primary key (EMPLOYEEID, HIREDATE),
12    constraint FK_EMPLOYEE_DEPARTMENT foreign key (DEPARTMENTID) references
13        COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DEPARTMENTID)
14 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

Search

- BANK
- COMPANYDB
  - COMPANY\_SCHEMA
    - Tables
      - DEPARTMENTS
      - DEPT
      - EMPLOYEES**
  - Stages
  - File Formats
  - Pipes
- INFORMATION\_SCHEMA
- PUBLIC
- SNOWFLAKE
- SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 15 hours ago 1.0K 33.0KB

Table Details Columns Data Preview Copy History

• COMPUTE\_WH 100 of 1.0K Rows • Updated just now

	FIRSTNAME	DATEOFBIRTH	JOBTITLE	SALARY	DEPARTMENTID	EMAIL	...
1	Natalie	1982-11-20	HR Manager	null	null	theresa18@parrish.com	2
2	Cody	1982-09-24	HR Manager	null	2	lisa33@warren-parker.com	2
3	Derek	1971-08-07	Senior Developer	null	2	brandischoeder@santana-howell.com	2
4	Gregory	1989-02-23	Senior Developer	null	4	ronaldmccarthy@gmail.com	2
5	Sabrina	2001-11-06	Consultant	null	1	shannon25@hart.biz	2
6	Sylvia	1979-08-25	Senior Developer	null	1	deborahbyrd@yahoo.com	2
7	Jerome	2002-02-21	HR Manager	null	null	crodgers@jones.com	2
8	Alexander	1979-11-28	HR Manager	null	3	scott37@parker-ward.info	2
9	Joseph	1986-02-23	HR Manager	null	5	dnguyen@yahoo.com	2
10	Cheryl	1989-06-05	Consultant	null	3	barneskathy@hotmail.com	2
11	Angel	1993-09-29	Sales Representative	null	5	stephanie93@white.com	2
12	Roberto	1992-07-24	Consultant	null	4	ljordan@yahoo.com	2
13	John	1971-02-15	Consultant	null	5	vmartin@hotmail.com	2
14	Paul	1972-02-09	Sales Representative	null	null	ngrant@yahoo.com	2
15	Taylor	1989-04-27	Sales Representative	null	5	joseallen@orr.org	2
16	David	2003-04-28	HR Manager	null	null	andrea10@duran.com	2
17	Dale	1995-02-15	Sales Representative	null	3	ariel00@yahoo.com	2
18	Jeanne	1992-04-16	Senior Developer	null	4	thompsontimothy@walker.info	2
19	Kwenda	1962-07-06	Sales Representative	null	null	julio01@forandor.net	2

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6e0ff-0002-e66c-0000-2f4b000834c2

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	76ms	Supported
Start Time	Query ID	Client Driver
9/10/2024, 2:01:59 PM	01b6e0ff-0002-e66c-0000-2f4b000834c2 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/10/2024, 2:01:59 PM	—	51999169527906 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
MODIFY COLUMN Salary
DROP NOT NULL;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left ⓘ ...  
Trial ends in 4 days  
[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f16c-0002-e68d-0000-2f4b0008ae32

COMPUTE\_WH SAYANTANN C ▾

[Query Details](#) [Query Profile](#)

**Details**

Status	Duration	Driver Status
Success	950ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:22:50 AM	01b6f16c-0002-e68d-0000-2f4b0008ae32 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:22:51 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
SET Salaries = NULL;
```

**Results** 1 of 1 Row • Cluster 1 [Export Results](#)

	number of rows updated	number of multi-joined rows updated
1	1005	0

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (1) ...

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f16d-0002-e68c-0000-2f4b00089d96

COMPUTE\_WH SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	686ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:23:07 AM	01b6f16d-0002-e68c-0000-2f4b00089d96 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:23:08 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
SET Salaries = 50000
WHERE Salaries IS NULL;
```

**Results** 1 of 1 Row • Cluster 1 Export Results

	number of rows updated	number of multi-joined rows updated
1	1005	0

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (1) ...  
Trial ends in 4 days  
[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f16d-0002-e68c-0000-2f4b00089d9a

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	77ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:23:26 AM	01b6f16d-0002-e68c-0000-2f4b00089d9a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:23:26 AM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
MODIFY COLUMN Salaries
SET NOT NULL;
```

**Results** 1 of 1 Row • Cluster —

[Export Results](#)

	status
1	Statement executed successfully.

Snowflake

+ Create

Home

Search

Projects

Data

Databases

Add Data

Data Products

AI & ML

Monitoring

Admin

\$275 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

Q Search C

> BANK

> COMPANYDB

> COMPANY\_SCHEMA

> Tables

DEPARTMENTS

DEPT

EMPL

EMPLOYEES

Stages

File Formats

Pipes

INFORMATION\_SCHEMA

PUBLIC

SCHOOLDB

INFORMATION\_SCHEMA

PUBLIC

SCHOOL\_SCHEMA

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 2 days ago 505 17.5KB

Table Details Columns Data Preview Copy History

\* COMPUTE\_WH 100 of 505 Rows • Updated just now C

	DATEOFBIRTH	DEPARTMENTID	EMAIL	...	HIREDATE	SALARIES	JOBTITLES
1	1982-09-24	2	lisa33@warren-parker.com		2024-09-10	50000.00	HR Manager
2	1971-08-07	2	brandischoroeder@santana-howell.com		2024-09-10	50000.00	Senior Developer
3	1989-02-23	4	ronaldmccarthy@gmail.com		2024-09-10	50000.00	Senior Developer
4	1979-11-28	3	scott37@parker-ward.info		2024-09-10	50000.00	HR Manager
5	1986-02-23	5	dnguyen@yahoo.com		2024-09-10	50000.00	HR Manager
6	1993-09-29	5	stephanie93@white.com		2024-09-10	50000.00	Sales Representative
7	1989-04-27	5	joseallen@orr.org		2024-09-10	50000.00	Sales Representative
8	1995-02-15	3	ariel00@yahoo.com		2024-09-10	50000.00	Sales Representative
9	1992-04-16	4	thompsontimothy@walker.info		2024-09-10	50000.00	Senior Developer
10	1975-10-15	4	derrickpearson@gmail.com		2024-09-10	50000.00	HR Manager
11	2004-05-18	4	kimberly66@williams.com		2024-09-10	50000.00	Senior Developer
12	1981-04-16	5	glovercourtney@williams.com		2024-09-10	50000.00	HR Manager
13	1972-09-09	3	jalvarez@gmail.com		2024-09-10	50000.00	Senior Developer
14	2001-12-20	3	enavarro@james-estrada.net		2024-09-10	50000.00	HR Manager
15	1973-07-08	3	davidrichards@gmail.com		2024-09-10	50000.00	Senior Developer
16	1997-12-14	2	darius35@owens.com		2024-09-10	50000.00	HR Manager
17	1973-01-30	4	kmartinez@yahoo.com		2024-09-10	50000.00	HR Manager
18	2000-02-08	2	bhernandez@raymond.com		2024-09-10	50000.00	HR Manager
19	1996-12-26	5	annapotter@keller.com		2024-09-10	50000.00	Senior Developer

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left (1) ...  
Trial ends in 4 days  
[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f17a-0002-e66c-0000-2f4b00083dd2

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	71ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:36:32 AM	01b6f17a-0002-e66c-0000-2f4b00083dd2 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:36:32 AM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
ADD COLUMN PhoneNumber Number(12,0) DEFAULT 91 ;
```

[Export Results](#)

**Results** 1 of 1 Row • Cluster —

	status
1	Statement executed successfully.

Search

BANK

COMPANYDB

COMPANY\_SCHEMA

- Tables
  - DEPARTMENTS
  - DEPT
  - EMPL
  - EMPLOYEES**
- Stages
- File Formats
- Pipes
- INFORMATION\_SCHEMA
- PUBLIC

SCHOOLDB

- INFORMATION\_SCHEMA
- PUBLIC
- SCHOOL\_SCHEMA

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

## COMPANYDB / COMPANY\_SCHEMA / EMPLOYEES

Table ACCOUNTADMIN 2 days ago 505 17.5KB

Table Details Columns Data Preview Copy History

COMPUTE\_WH 100 of 505 Rows • Updated 2 minutes ago

	DEPARTMENTID	EMAIL	HIREDATE	SALARIES	JOBTITLES	PHONENUMBER
1	2	lisa33@warren-parker.com	2024-09-10	50000.00	HR Manager	91
2	2	brandischoroeder@santana-howell.com	2024-09-10	50000.00	Senior Developer	91
3	4	ronaldmccarthy@gmail.com	2024-09-10	50000.00	Senior Developer	91
4	3	scott37@parker-ward.info	2024-09-10	50000.00	HR Manager	91
5	5	dnguyen@yahoo.com	2024-09-10	50000.00	HR Manager	91
6	5	stephanie93@white.com	2024-09-10	50000.00	Sales Representative	91
7	5	joseallen@orr.org	2024-09-10	50000.00	Sales Representative	91
8	3	ariel00@yahoo.com	2024-09-10	50000.00	Sales Representative	91
9	4	thompsontimothy@walker.info	2024-09-10	50000.00	Senior Developer	91
10	4	derrickpearson@gmail.com	2024-09-10	50000.00	HR Manager	91
11	4	Kimberly66@williams.com	2024-09-10	50000.00	Senior Developer	91
12	5	glovercourtney@williams.com	2024-09-10	50000.00	HR Manager	91
13	3	jalvarez@gmail.com	2024-09-10	50000.00	Senior Developer	91
14	3	enavarro@james-estrada.net	2024-09-10	50000.00	HR Manager	91
15	3	davidrichards@gmail.com	2024-09-10	50000.00	Senior Developer	91
16	2	darius35@owens.com	2024-09-10	50000.00	HR Manager	91
17	4	kmartinez@yahoo.com	2024-09-10	50000.00	HR Manager	91
18	2	bhernandez@raymond.com	2024-09-10	50000.00	HR Manager	91
19	5	annapeters@keller.com	2024-09-10	50000.00	Senior Developer	91

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$275 credits left

Trial ends in 4 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f17b-0002-e6f1-0000-2f4b0008be52

SAYANTANN

C ▾

Query Details Query Profile

### Details

Status	Duration	Driver Status
Success	81ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:37:50 AM	01b6f17b-0002-e6f1-0000-2f4b0008be52 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:37:50 AM	—	51999169515706 ⓘ
Warehouse Size	—	

### SQL Text

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
MODIFY JobTitles VARCHAR(100);
```

### Results 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left (1) ...

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f17c-0002-e68d-0000-2f4b0008ae8e

COMPUTE\_WH SAYANTANN

C ▾

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	549ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:38:05 AM	01b6f17c-0002-e68d-0000-2f4b0008ae8e ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:38:06 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
UPDATE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
SET Jobtitles = 'Temporary Employee'
WHERE JobTitles = 'Intern';
```

### Results

1 of 1 Row • Cluster 1

Export Results

	number of rows updated	number of multi-joined rows updated
1	1	0

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left ⓘ ...  
Trial ends in 3 days  
[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

Query Details Query Profile

### Details

Status	Duration	Driver Status
Success	557ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:38:24 AM	01b6f17c-0002-e688-0000-2f4b00084e92 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:38:24 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE EMPLOYEEID = 5;
```

### Results 1 of 1 Row • Cluster 1

number of rows deleted

[Export Results](#)

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left ...

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f17c-0002-e869-0000-2f4b0008d352

COMPUTE\_WH SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	575ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:38:45 AM	01b6f17c-0002-e869-0000-2f4b0008d352 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:38:46 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES WHERE Salaries < 50000;
```

**Results** 1 of 1 Row • Cluster 1

number of rows deleted
0

Export Results

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f17e-0002-e68c-0000-2f4b00089e26

COMPUTE\_WH SAYANTANN

C ⌂

[Query Details](#) [Query Profile](#)

**Details**

Status	Duration	Driver Status
Success	676ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:40:30 AM	01b6f17e-0002-e68c-0000-2f4b00089e26	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:40:31 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
USING COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
WHERE employees.departmentid = departments.departmentid
AND employees.jobtitles = 'Intern' OR employees.departmentid = 1;
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	number of rows deleted
1	151

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left ⓘ ...  
Trial ends in 3 days  
Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f183-0002-e6f3-0000-2f4b00088e7a

COMPUTE\_WH SAYANTANN

C ⏺

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	565ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 12:45:48 AM	01b6f183-0002-e6f3-0000-2f4b00088e7a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 12:45:48 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
WHERE NOT EXISTS (SELECT 1 FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
                  WHERE departments.departmentid = employees.departmentid);
```

### Results

1 of 1 Row • Cluster 1

Export Results

	number of rows deleted
1	182

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f40a-0002-e6f1-0000-2f4b0009180e

SAYANTANN

C ⌂ ↴

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	<div style="width: 82%;"><div style="width: 100%;">82ms</div></div>	Supported
Start Time	Query ID	Client Driver
9/11/2024, 11:32:49 AM	01b6f40a-0002-e6f1-0000-2f4b0009180e ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 11:32:49 AM	—	51999169560674 ⓘ
Warehouse Size	—	

### SQL Text

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
DROP CONSTRAINT FK_Employees_Departments CASCADE;
```

### Results

1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f401-0002-e66d-0000-2f4b0008f7ee

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	130ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 11:23:00 AM	01b6f401-0002-e66d-0000-2f4b0008f7ee ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 11:23:01 AM	—	51999169560674 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
ADD CONSTRAINT FK_Employees_Departments
FOREIGN KEY(DepartmentID) references COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS(DepartmentID)
ON DELETE CASCADE;
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left (1) ...

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f19f-0002-e67c-0000-2f4b00086fbe

COMPUTE\_WH SAYANTANN

C ▾

[Query Details](#) [Query Profile](#)

### Details

Status	Duration	Driver Status
Success	746ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 1:13:55 AM	01b6f19f-0002-e67c-0000-2f4b00086fbe ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 1:13:56 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

### SQL Text

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPARTMENTS
WHERE departmentname = 'Operations'
AND departmentid = 6;
```

### Results

1 of 1 Row • Cluster 1

Export Results

	number of rows deleted
1	1

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f1b8-0002-e67c-0000-2f4b0008e032

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	89ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 1:38:24 AM	01b6f1b8-0002-e67c-0000-2f4b0008e032 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 1:38:24 AM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.DEPKT  
ADD CONSTRAINT PK_DEPTID  
PRIMARY KEY(DepartmentID);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f1b8-0002-e66d-0000-2f4b0008f006

SAYANTANN

C ▾

**Query Details** **Query Profile**

**Details**

Status	Duration	Driver Status
Success	157ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 1:38:44 AM	01b6f1b8-0002-e66d-0000-2f4b0008f006 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 1:38:44 AM	—	51999169515706 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE COMPANYDB.COMPANY_SCHEMA.EMPL
ADD CONSTRAINT FK_EMPL_DEPTID
FOREIGN KEY(DepartmentID) references DEPT(DepartmentID);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f1d4-0002-e68c-0000-2f4b00089f72

COMPUTE\_WH SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	1.2s	Supported
Start Time	Query ID	Client Driver
9/11/2024, 2:06:35 AM	01b6f1d4-0002-e68c-0000-2f4b00089f72	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 2:06:36 AM	—	51999169515706 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
DELETE FROM COMPANYDB.COMPANY_SCHEMA.DEPT
USING COMPANYDB.COMPANY_SCHEMA.EMPL
WHERE DEPT.DepartmentID = EMPL.DepartmentID
AND EMPL.DepartmentID = 5
AND DEPT.DepartmentName = 'Marketing';
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	number of rows deleted
1	1

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddm1\_companydb\_script dddm1\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + - Share

Databases Worksheets Code Versions

Pinned (2)

- BANK**

Search objects

- Tables
  - DEPARTMENTS
  - DEPT
  - EMPL
  - EMPLOYEES**
- Stages
- File Formats
- Pipes
- INFORMATION\_SCHEMA

EMPLOYEES 505 Rows ...

#	EMPLOYEEID	NUMBER(38,0)
1	FIRSTNAME	VARCHAR(50)
2	LASTNAME	VARCHAR(50)
3	DATEOFBIRTH	DATE
4	DEPARTMENTID	NUMBER(38,0)
5	EMAIL	VARCHAR(100)
6	HIREDATE	DATE
7	SALARIES	NUMBER(12,2)
8	JOBTITLES	VARCHAR(100)
9	PHONENUMBER	NUMBER(12,0)

COMPANYDB.COMPANY\_SCHEMA Settings

```

610 WHERE DEPT.DepartmentID = EMPL.DepartmentID
611 AND EMPL.DepartmentID = 5
612 AND DEPT.DepartmentName = 'Marketing';
621
622 -- Deleting All Records with a Condition
623 -- Delete All Records Based on a Common Attribute:
624 -- Delete all records from the Employees table where the JobTitle is 'Consultant'.
625 DELETE FROM COMPANYDB.COMPANY_SCHEMA.EMPLOYEES
626 WHERE JobTitles = 'Consultant';
627
628 -- Delete Records with NULL Values:
629 -- Delete all employees from the Employees table where the Salary is NULL.
630
631 -- Conditional DELETE Using Aggregate Functions:
632 -- Delete employees from the Employees table who earn less than the average salary of all employees.
633

```

Results Chart

number of rows deleted	Query Details	...
166	Query duration 448ms	Rows 1
	Query ID 01b6f1d9-0002-e66c-0...	Show more

number of rows deleted #

100% filled

25 Queries Status All ...

Wed Sep 11 2024

- 2:11:08 AM 448ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = 'Consultant...' ...
- 2:11:02 AM 29ms DELETE \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = 'Consult...' ...
- 2:10:46 AM 30ms DELETE JobTitles FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = ... ...
- 2:10:36 AM 40ms DELETE (JobTitles) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles ... ...
- 2:06:35 AM 1.2s DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPT USING COMPANYDB.COMPANY\_SCHEMA.EM...
- 2:05:43 AM 17ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPT USING COMPANYDB.COMPANY\_SCHEMA.EM...
- 2:02:03 AM 539ms UPDATE COMPANYDB.COMPANY\_SCHEMA.DEPT SET DepartmentID = 5 WHERE DepartmentN... ...
- 2:02:02 AM 182ms INSERT INTO COMPANYDB.COMPANY\_SCHEMA.DEPT(DepartmentName) VALUES('Marketing')

Snowflake Data Cloud Platform

Load sample data with SQL... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ↵ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ↗ ↘

Databases Worksheets

Pinned (2)

BANK

Search objects C

Tables

- DEPARTMENTS
- DEPT
- EMPL
- EMPLOYEES**

Stages File Formats Pipes INFORMATION\_SCHEMA

COMPANYDB.COMPANY\_SCHEMA Settings ↴

Code Versions Q

624 -- Delete all records from the Employees table where the JobTitle is 'Consultant'.  
625 DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES  
626 WHERE JobTitles = 'Consultant';  
627  
628 -- Delete Records with NULL Values:  
629 -- Delete all employees from the Employees table where the Salary is NULL.  
630  
631 DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES  
632 WHERE Salaries IS NULL;  
633  
634 -- Conditional DELETE Using Aggregate Functions:  
635 -- Delete employees from the Employees table who earn less than the average salary of all employees.  
636  
637  
638

Results Chart

number of rows deleted	Query Details	...
1	0	Query duration 286ms
	Rows 1	Query ID 01b6f1db-0002-e6f1-00...

Show more ↴

number of rows deleted	#
100% filled	

25 Queries Status All ↴ C

Wed Sep 11 2024

- 2:13:53 AM 233ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries = NULL;
- 2:13:40 AM 286ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries IS NULL; **Selected**
- 2:11:08 AM 448ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = 'Consultan...
- 2:11:02 AM 29ms DELETE \* FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = 'Consult...
- 2:10:46 AM 30ms DELETE JobTitles FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles = ...
- 2:10:36 AM 40ms DELETE (JobTitles) FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE JobTitles ...
- 2:06:35 AM 1.2s DELETE FROM COMPANYDB.COMPANY\_SCHEMA.DEPT USING COMPANYDB.COMPANY\_SCHEMA.EM...
- 2:05:13 AM 17ms DEFLATE FROM COMPANYDB COMPANY SCHEMA DEPT LISTING COMPANYDB COMPANY SCHEMA FM

SN

Snowflake SQL Editor

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD ddldml\_companydb\_script ddldml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + - Share ▶

Databases Worksheets COMPANYDB.COMPANY\_SCHEMA Settings Code Versions Q

Pinned (2) BANK

Search objects C

Tables DEPARTMENTS DEPT EMPL EMPLOYEES EMPLOYEES (selected)

Stages File Formats Pipes INFORMATION\_SCHEMA

EMPLOYEES 505 Rows 0

	number of rows deleted
1	0

Query Details Query duration 308ms

Rows 01b6f1e1-0002-e68d-0000-2f4b0008aff6 AM 308ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries < (SELECT AVG(...)

Query ID 01b6f1e1-0002-e6...

Show more

number of rows deleted # 100% filled

25 Queries Wed Sep 11 2024 Status All C

- 2:19:38 AM 37ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries < SELECT AVG(...)
- 2:19:18 AM 57ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Employees.Salaries < \$...
- 2:16:52 AM 46ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Employees.Salaries < A...
- 2:15:41 AM 35ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries < AVG(Salarie...
- 2:13:53 AM 233ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries = NULL;
- 2:13:40 AM 286ms DELETE FROM COMPANYDB.COMPANY\_SCHEMA.EMPLOYEES WHERE Salaries IS NULL;
- 2:11:08 AM 148ms DEFETF FROM COMPANYDB COMPANY SCHEMA EMPLOYEES WHERE JobTitles = 'Consultan...

<https://app.snowflake.com/zegyagh/dtb84251/#/compute/history/queries/01b6f1e1-0002-e68d-0000-2f...>

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left ⓘ ...  
Trial ends in 3 days  
Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f1f7-0002-e66e-0000-2f4b0009303a

SAYANTANN

C ⌂

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	259ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 2:41:33 AM	01b6f1f7-0002-e66e-0000-2f4b0009303a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 2:41:33 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE TABLE SCHOOLDDB.SCHOOL_SCHEMA.Students (
    StudentID INT PRIMARY KEY,
    FirstName VARCHAR(50),
    LastName VARCHAR(50),
    DateOfBirth DATE,
    EnrolmentDate DATE,
    Major VARCHAR(50)
);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Table STUDENTS successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Extend Trial

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f21f-0002-e68c-0000-2f4b000950c6

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	140ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 3:21:59 AM	01b6f21f-0002-e68c-0000-2f4b000950c6 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 3:21:59 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE TABLE Majors(Course VARCHAR(50));
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Table MAJORS successfully created.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left ...

Trial ends in 3 days

Extend Trial Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f237-0002-e688-0000-2f4b000901a2

COMPUTE\_WH SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	625ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 3:45:10 AM	01b6f237-0002-e688-0000-2f4b000901a2 ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 3:45:11 AM	—	51999169552598 ⓘ
Warehouse Size		
X-Small		

**SQL Text**

```
INSERT INTO SCHOOLDB.SCHOOL_SCHEMA.MAJORS (StudentID,Course)
VALUES (1,'Engineering'),(2,'Mathematics'),(3,'Art'),(4,'Science'),(5,'Computer Science'),(6,'History'),(7,'Alumni');
```

**Results** 1 of 1 Row • Cluster 1

Export Results

	number of rows inserted
1	7

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Extend Trial

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f243-0002-e66e-0000-2f4b000931da

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	59ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 3:57:41 AM	01b6f243-0002-e66e-0000-2f4b000931da ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 3:57:41 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.MAJORS
ADD CONSTRAINT PK_Student
PRIMARY KEY(StudentID);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

Search

- BANK
- COMPANYDB
- SCHOOLDB
  - INFORMATION\_SCHEMA
  - PUBLIC
  - SCHOOL\_SCHEMA
    - Tables
      - COURSES
      - GRADES
      - MAJORS
      - STUDENTS
    - Stages
    - File Formats
    - Pipes
  - SNOWFLAKE
  - SNOWFLAKE\_SAMPLE\_DATA

## SCHOOLDB / SCHOOL\_SCHEMA / MAJORS

Table ACCOUNTADMIN 2 days ago 7 1.5KB

Table Details Columns Data Preview Copy History

### Table definition

```
1 create or replace TABLE SCHOOLDB.SCHOOL_SCHEMA.MAJORS (
2     COURSE VARCHAR(50),
3     STUDENTID NUMBER(8,0),
4     constraint PK_STUDENT primary key (STUDENTID)
5 );
```

### Privileges

ACCOUNTADMIN (Current Role) OWNERSHIP

Group by Role + Privilege

**snowflake**

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

**Query History**

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Extend Trial Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f24c-0002-e67c-0000-2f4b0008e28a

SAYANTANN

C ▾

**Query Details** **Query Profile**

**Details**

Status	Duration	Driver Status
Success	164ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 4:06:10 AM	01b6f24c-0002-e67c-0000-2f4b0008e28a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 4:06:11 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE Students
MODIFY COLUMN StudentID
Number(8,0);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Extend Trial

Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f24c-0002-e68d-0000-2f4b0009222a

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	73ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 4:06:25 AM	01b6f24c-0002-e68d-0000-2f4b0009222a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 4:06:25 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
ADD CONSTRAINT FK_Students_Major
FOREIGN KEY(StudentID) REFERENCES Majors(StudentID);
```

**Results** 1 of 1 Row • Cluster —

Export Results

	status
1	Statement executed successfully.

SCHOOLDB.SCHOOL\_SCHEMA

Settings

```
-- Add a check constraint to the Students table to ensure that the EnrolmentDate is not earlier than 2000-01-01.
-- ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
-- ADD CONSTRAINT CC_EnrolmentDate
-- CHECK (EnrolmentDate >= to_date('2000-01-01', 'YYYY-MM-DD'));

-- Composite Keys and Indexes
-- Composite Primary Key:
-- Create a composite primary key on the combination of FirstName and LastName in the Students table (assuming StudentID is no longer the primary key).
ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
DROP PRIMARY KEY;

ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
ADD CONSTRAINT pk_student_fullname
PRIMARY KEY (FirstName, LastName);

-- Rename Columns:
-- Rename the Major column in the Students table to Course to better reflect the data it stores.
-- Rename the Position column in the Employees table to JobTitle.
```

**Results**

status	
1	Statement executed successfully.

Query Details

Query duration 66ms

Rows 1

Query ID 01b6f1ff-0002-e66d-00...

Show more

**25 Queries**

Wed Sep 11 2024

Time	Duration	Query
2:49:56 AM	66ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ADD CONSTRAINT pk_studen...
2:49:42 AM	79ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS DROP PRIMARY KEY;
2:49:05 AM	38ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ADD CONSTRAINT CC_Enrolme...
2:43:28 AM	289ms	SELECT * FROM STUDENTS;
2:43:21 AM	64ms	SELECT count(*) FROM STUDENTS;
2:42:57 AM	664ms	select * from table(information_schema.copy_history(table_name=>'STUD...

SCHOOLDB.SCHOOL\_SCHEMA STUDENTS

ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS  
ADD CONSTRAINT pk\_student\_fullname  
PRIMARY KEY (FirstName, LastName);

-- Rename Columns:  
-- Rename the Major column in the Students table to Course to better reflect the data it stores.

ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS  
RENAME COLUMN Major TO Course;

-- Change the default value for the EnrollmentDate in the Students table to the current date.  
ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS  
MODIFY COLUMN EnrolmentDate  
SET DEFAULT CURRENT\_DATE();

-- For all students who enrolled before 2020-01-01, change their Course to 'Alumni'.  
UPDATE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS  
.SET Course = 'Alumni'

STUDENTS 1K Rows

#	STUDENTID	NUMBER(38,0)
A	FIRSTNAME	VARCHAR(50)
A	LASTNAME	VARCHAR(50)
C	DATEOFBIRTH	DATE
C	ENROLMENTDATE	DATE
A	MAJOR	VARCHAR(50)
1	Statement executed successfully.	

Query Details

Query duration 131ms

Rows 1

Query ID 01b6f201-0002-e67c-0...

Show more

status A

100% filled

25 Queries

Wed Sep 11 2024

Time	Duration	Query
2:51:08 AM	131ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS RENAME COLUMN Major TO Co...
2:49:56 AM	66ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ADD CONSTRAINT pk_student...
2:49:42 AM	79ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS DROP PRIMARY KEY;
2:49:05 AM	38ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ADD CONSTRAINT CC_Enrolme...
2:43:28 AM	289ms	SELECT * FROM STUDENTS;
2:43:21 AM	64ms	SELECT count(*) FROM STUDENTS;

Load sample data with SQ... FILE FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + -

Databases Worksheets SCHOOLDB.SCHOOL\_SCHEMA Settings Code Versions Q

Pinned (2)

BANK

Search objects C

- > INFORMATION\_SCHEMA
- > PUBLIC
- > SCHOOL\_SCHEMA
  - Tables STUDENTS
  - Stages
  - File Formats
  - Pipes
- > SNOWFLAKE

```

100
101 -- ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
102 -- ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT_DATE();
103
104 -- For all students who enrolled before 2020-01-01, change their Course to 'Alumni'.
105 UPDATE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
106 SET Course = 'Alumni'
107 WHERE EnrolmentDate < '2020-01-01';
108
109 -- Add and Drop Indexes:
110 -- Add an index on the EnrollmentDate column in the Students table to speed up queries.
111
112
113 -- Add a column Graduated (BOOLEAN) to the Students table, then update this column to TRUE for all students whose Course is 'Alumni'.
114
115
116 -- Remove the student from the Students table whose StudentID is 3.
117

```

Results Chart

	number of rows updated	number of multi-joined row
#	1	541

Query Details

Query duration 739ms

Rows 1

Query ID 01b6f20a-0002-e6f3-0...

Show more ▾

number of rows updated #

100% filled

25 Queries Status All C

Wed Sep 11 2024

- 3:00:33 AM 739ms UPDATE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS SET Course = 'Alumni' WHERE EnrolmentDate < '2020-01-01';
- 2:59:50 AM 30ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT\_DATE();
- 2:59:33 AM 18ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT\_DATE();
- 2:59:22 AM 23ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT\_DATE();
- 2:59:01 AM 24ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT\_DATE();
- 2:58:49 AM 57ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT\_DATE();

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left

Trial ends in 3 days

Extend Trial Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f20e-0002-e66c-0000-2f4b0009706a

SAYANTANN

C ▾

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Failed	27ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 3:04:33 AM	01b6f20e-0002-e66c-0000-2f4b0009706a ⓘ	Go 1.1.5 ⓘ
End Time	Query Tag	Session ID
9/11/2024, 3:04:33 AM	—	51999169552598 ⓘ
Warehouse Size	—	

**SQL Text**

```
CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS (EnrollmentDate);
```

**⚠️** Table 'STUDENTS' is not a hybrid table.

SCHOOLDB.SCHOOL\_SCHEMA ▾ Settings ▾

Code Versions

```
101 -- ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
102 -- ALTER COLUMN EnrolmentDate SET DEFAULT CURRENT_DATE();
103
104 -- For all students who enrolled before 2020-01-01, change their Course to 'Alumni'.
105 UPDATE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
106 SET Course = 'Alumni'
107 WHERE EnrolmentDate < '2020-01-01';
108
109 -- Add and Drop Indexes:
110 -- Add an index on the EnrollmentDate column in the Students table to speed up queries.
111 CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS (EnrollmentDate);
112
113 -- Add a column Graduated (BOOLEAN) to the Students table, then update this column to TRUE for all students whose Course is 'Alumni'.
114
115
116 -- Remove the student from the Students table whose StudentID is 3.
117
118 -- Remove all students from the Students table who enrolled before 2019-01-01.
```

**25 Queries**

Wed Sep 11 2024

Time	Duration	Query
3:04:33 AM	27ms	CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS (Enrol...
3:04:10 AM	57ms	CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS Enroll...
3:00:33 AM	739ms	UPDATE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS SET Course = 'Alumni' WHERE En...
2:59:50 AM	30ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDat...
2:59:33 AM	18ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDat...
2:59:22 AM	23ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ALTER COLUMN EnrolmentDat...

391420 (0A000): Table 'STUDENTS' is not a hybrid table.

**Databases Worksheets**

Pinned (2)

BANK

INFORMATION\_SCHEMA

PUBLIC

SCHOOL\_SCHEMA

Tables STUDENTS

Stages

File Formats

Pipes

SNOWFLAKE

STUDENTS 1K Rows

#	STUDENTID	NUMBER(38,0)
A	FIRSTNAME	VARCHAR(50)
A	LASTNAME	VARCHAR(50)
C	DATEOFBIRTH	DATE
C	ENROLMENTDATE	DATE
A	COURSE	VARCHAR(50)

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ↴

Databases Worksheets SCHOOLDB.SCHOOL\_SCHEMA Settings ↴

Pinned (2) Code Versions ↴

BANK

Search objects C

- > INFORMATION\_SCHEMA
- > PUBLIC
- > SCHOOL\_SCHEMA
  - Tables STUDENTS
  - Stages
  - File Formats
  - Pipes
- > SNOWFLAKE

```

112 -- Add a column Graduated (BOOLEAN) to the Students table, then update this column to TRUE for all students whose Course is 'Alumni'.
113 ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
114 ADD COLUMN Graduated BOOLEAN;
115 UPDATE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
116 SET Graduated = True
117 WHERE Course = 'Alumni';
118
119 -- Remove the student from the Students table whose StudentID is 3.
120
121 -- Remove all students from the Students table who enrolled before 2019-01-01.
122 -- Remove all students from the Students table whose Course is 'History' and who enrolled before 2021-01-01.
123
124 -- Remove all students from the Students table if there is no record of their major in a hypothetical Majors table.
125
126 -- DELETE with Cascading and Foreign Keys
127 -- Cascade DELETE Operations:
128 -- Remove a course from the Courses table (hypothetical) and ensure all students enrolled in that course are also removed.
129

```

Results ↴ Chart

	number of rows updated	number of multi-joined row
#	1	541

Query Details

Query duration 585ms

Rows 1

Query ID 01b6f213-0002-e869-0...

Show more ↴

number of rows updated #

100% filled

25 Queries Status All ↴

Wed Sep 11 2024

- 3:09:00 AM 585ms UPDATE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS SET Graduated = True WHERE Cou...
- 3:08:57 AM 34ms UPDATE Graduated SET True WHERE Course = 'Alumni';
- 3:06:45 AM 153ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ADD COLUMN Graduated BOOL...
- 3:04:33 AM 27ms CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS (Enrol...
- 3:04:10 AM 57ms CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS Enroll...
- 3:00:33 AM 739ms UPDATE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS SET Course = 'Alumni' WHERE En...

SN

SCHOOLDB.SCHOOL\_SCHEMA

Settings

Code Versions

ACCOUNTADMIN COMPUTE\_WH (X-Small) Share

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + -

Databases Worksheets

Pinned (2)

BANK

Search objects

INFORMATION\_SCHEMA

PUBLIC

SCHOOL\_SCHEMA

Tables

STUDENTS

Stages

File Formats

Pipes

SNOWFLAKE

STUDENTS 1K Rows

#	STUDENTID	NUMBER(38,0)
A	FIRSTNAME	VARCHAR(50)
A	LASTNAME	VARCHAR(50)
C	DATEOFBIRTH	DATE
C	ENROLMENTDATE	DATE
A	COURSE	VARCHAR(50)
O I	GRADUATED	BOOLEAN

number of rows deleted #

1

Query Details

Query duration 394ms

Rows 1

Query ID 01b6f214-0002-e6f1-0...

Show more

25 Queries

Wed Sep 11 2024

Time	Duration	Query
3:10:18 AM	394ms	DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE StudentID = 3;
3:09:00 AM	585ms	UPDATE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS SET Graduated = True WHERE Cou...
3:06:57 AM	34ms	UPDATE Graduated SET True WHERE Course = 'Alumni';
3:06:45 AM	153ms	ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS ADD COLUMN Graduated BOOL...
3:04:33 AM	27ms	CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS (Enrol...
3:04:10 AM	57ms	CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL_SCHEMA.STUDENTS Enroll...

Snowflake logo

+ Create

Home

Search

Projects

Data

Databases Selected

Add Data

Data Products

AI & ML

Monitoring

Admin

\$315 credits left ...

Trial ends in 6 days

[Upgrade](#)

SN Sayantan Naha ACCOUNTADMIN

Search bar

BANK

COMPANYDB

SCHOOLDB

INFORMATION\_SCHEMA

PUBLIC

SCHOOL\_SCHEMA

Tables

STUDENTS Selected

Stages

File Formats

Pipes

SNOWFLAKE

SNOWFLAKE\_SAMPLE\_DATA

**SCHOOLDB / SCHOOL\_SCHEMA / STUDENTS**

Table Details Columns Data Preview Copy History

COMPUTE\_WH 100 of 1K Rows • Updated just now

	STUDENTID	FIRSTNAME	LASTNAME	DATEOFBIRTH	ENROLMENTDATE	COURSE	GRADUATED
1	1	Christina	Clarke	1996-11-05	2024-07-11	Engineering	null
2	2	Scott	Gibbs	2006-04-22	2022-06-11	Mathematics	null
3	4	Lindsay	Mason	1993-10-15	2024-08-03	Engineering	null
4	5	Rebecca	Morales	1997-09-04	2021-11-14	Art	null
5	9	Connor	Gardner	2004-03-26	2021-11-09	Mathematics	null
6	12	Sara	Frye	1999-02-13	2023-07-12	Science	null
7	13	Marc	Clark	2006-04-24	2023-03-22	Art	null
8	15	Joshua	Ballard	1996-05-31	2020-05-04	Computer Science	null
9	16	Justin	Bell	1993-12-18	2020-12-21	Mathematics	null
10	18	Elizabeth	Wise	2002-03-22	2023-06-23	Art	null
11	20	Brian	Porter	2000-09-16	2022-06-06	Art	null
12	22	Nicole	Alvarez	2005-07-05	2024-08-03	Science	null
13	24	Jennifer	Brooks	2001-09-26	2020-05-10	Art	null
14	27	James	Fischer	2005-09-25	2024-01-19	History	null
15	30	Jill	Bowen	1997-08-01	2024-01-06	History	null
16	31	Lisa	Harris	1999-01-30	2022-09-15	Science	null
17	38	Jessica	Snow	1997-07-16	2023-08-18	Mathematics	null
18	39	Tracy	Hernandez	2005-10-26	2020-07-30	Computer Science	null
19	40	Jenny	Smith	2005-05-19	2024-03-01	History	null

SCHOOLDB.SCHOOL\_SCHEMA

Settings

Code Versions

ACCOUNTADMIN COMPUTE\_WH (X-Small) Share

Pinned (2)

BANK

Search objects

INFORMATION\_SCHEMA

PUBLIC

SCHOOL\_SCHEMA

Tables

STUDENTS

Stages

File Formats

Pipes

SNOWFLAKE

STUDENTS 559 Rows

# STUDENTID NUMBER(38,0)

▲ FIRSTNAME VARCHAR(50)

▲ LASTNAME VARCHAR(50)

⌚ DATEOFBIRTH DATE

⌚ ENROLMENTDATE DATE

▲ COURSE VARCHAR(50)

0| GRADUATED BOOLEAN

number of rows deleted

1 440

Query Details

Query duration 636ms

Rows 1

Query ID 01b6f216-0002-e66d-0...

Show more

number of rows deleted #

100% filled

25 Queries

Wed Sep 11 2024

3:12:51 AM 636ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS WHERE EnrolmentDate < '20...

3:10:18 AM 394ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS WHERE StudentID = 3;

3:09:00 AM 585ms UPDATE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS SET Graduated = True WHERE Cou...

3:06:57 AM 34ms UPDATE Graduated SET True WHERE Course = 'Alumni';

3:06:45 AM 153ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ADD COLUMN Graduated BOOL...

3:04:33 AM 27ms CREATE OR REPLACE INDEX idx ON SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS (Enrol...

Load sample data with SQ... FILE FORMAT BULK\_DATA\_UPLOAD ddldml\_companydb\_script ddldml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ↵ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ➔

Databases Worksheets

Pinned [2]

BANK

Search objects C

- > INFORMATION\_SCHEMA
- > PUBLIC
- ✓ SCHOOLDDB.SCHOOL\_SCHEMA
  - Tables
    - STUDENTS
  - Stages
  - File Formats
  - Pipes
- > SNOWFLAKE

STUDENTS 547 Rows C ...

#	STUDENTID	NUMBER(38,0)
A	FIRSTNAME	VARCHAR(50)
A	LASTNAME	VARCHAR(50)
C	DATEOFBIRTH	DATE
C	ENROLMENTDATE	DATE
A	COURSE	VARCHAR(50)
O I	GRADUATED	BOOLEAN

122 -- Remove all students from the Students table who enrolled before 2019-01-01.  
123 DELETE FROM SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS  
124 WHERE EnrolmentDate < '2019-01-01';  
125 -- Remove all students from the Students table whose Course is 'History' and who enrolled before 2021-01-01.  
126 DELETE FROM SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS  
127 WHERE Course = 'History' AND EnrolmentDate < '2021-01-01';  
128 -- Remove all students from the Students table if there is no record of their major in a hypothetical Majors table.  
129  
130 -- DELETE with Cascading and Foreign Keys  
131 -- Cascade DELETE Operations:  
132 -- Remove a course from the Courses table (hypothetical) and ensure all students enrolled in that course are also removed.  
133  
134 -- Delete Using a Restriction:  
135 -- Attempt to delete a student from the Students table if they are referenced in another table, such as a Grades table (hypothetical).  
136  
137  
138 -- Deleting All Records with a Condition

Results Chart

number of rows deleted	Query Details	...
1	Query duration 412ms Rows 1 Query ID 01b8f219-0002-e6f1-00... Show more	...

number of rows deleted	#
100% filled	

25 Queries Status All C

Wed Sep 11 2024

- 3:15:17 AM 412ms DELETE FROM SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS WHERE Course = 'History' ...
- 3:12:51 AM 636ms DELETE FROM SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS WHERE EnrolmentDate < '20...'
- 3:10:18 AM 394ms DELETE FROM SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS WHERE StudentID = 3;
- 3:09:00 AM 585ms UPDATE SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS SET Graduated = True WHERE Cou...
- 3:06:57 AM 34ms UPDATE Graduated SET True WHERE Course = 'Alumni';
- 3:06:45 AM 153ms ALTER TABLE SCHOOLDDB.SCHOOL\_SCHEMA.STUDENTS ADD COLUMN Graduated BOOL...

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ↵ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ↗ ↘

Databases Worksheets

Pinned (2)

- BANK**
- Search objects C
- SCHOOLDB**
  - INFORMATION\_SCHEMA
  - PUBLIC
  - SCHOOL\_SCHEMA**
    - Tables
      - MAJORS
      - STUDENTS
    - Stages
    - File Formats
    - Pipes
- SNOWFLAKE**
- SNOWFLAKE\_SAMPLE\_DATA**

SCHOOLDB.SCHOOL\_SCHEMA Settings

```

134 -- Remove the student from the Students table whose StudentID is 3.
135 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE StudentID = 3;
136
137 -- Remove all students from the Students table who enrolled before 2019-01-01.
138 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
139 WHERE EnrolmentDate < '2019-01-01';
140 -- Remove all students from the Students table whose Course is 'History' and who enrolled before 2021-01-01.
141 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
142 WHERE Course = 'History' AND EnrolmentDate < '2021-01-01';
143 -- Remove all students from the Students table if there is no record of their major in a hypothetical Majors table.
144 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
145 USING MAJORS
146 WHERE Students.StudentID = Majors.StudentID
147 AND
148 Majors.Course = NULL;
149
150 -- SELECT Course FROM Students WHERE Course = NULL;
151

```

Results Chart

	number of rows deleted	Query Details	...
1	0	Query duration 551ms	
		Rows 1	
		Query ID 91b6f331-0002-e68d-0...	
		Show more	

number of rows deleted #

100% filled

7 Queries Status Successful ↴ ↵ C

Wed Sep 11 2024

- 7:58:05 AM 31ms SELECT Course FROM Students WHERE Course = NULL;
- 7:57:35 AM 328ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS USING MAJORS WHERE Stu...
- 7:55:49 AM 551ms **DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS USING MAJORS WHERE Stu...**
- 4:06:25 AM 73ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ADD CONSTRAINT FK\_Stud...
- 4:06:10 AM 164ms ALTER TABLE Students MODIFY COLUMN StudentID Number(8,0);
- 3:57:41 AM 59ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.MAJORS ADD CONSTRAINT PK\_Studen...

The screenshot shows a Snowflake interface for executing DML scripts. The top navigation bar includes tabs for 'Load sample data with SQ...', 'FILE\_FORMAT', 'BULK\_DATA\_UPLOAD', 'ddldml\_companydb\_script', and 'ddldml\_schooldb\_script'. The current timestamp is 2024-09-09 11:21am, and the session owner is ACCOUNTADMIN with a compute tier of COMPUTE\_WH (X-Small). A 'Share' button and a 'Code Versions' link are also present.

The left sidebar displays the database structure under 'SCHOOLDB'. It includes sections for 'BANK', 'COMPANYDB', 'SCHOOLDB' (which is expanded to show 'INFORMATION\_SCHEMA', 'PUBLIC', and 'SCHOOL\_SCHEMA' with its own 'Tables' section containing 'COURSES', 'MAJORS', and 'STUDENTS'), 'Stages', 'File Formats', and 'Pipes'. Below these are 'SNOWFLAKE' and 'SNOWFLAKE\_SAMPLE\_DATA' sections.

The main workspace shows a script titled 'SCHOOLDB.SCHOOL\_SCHEMA'. The code creates a 'Courses' table with columns 'CourseID' and 'Course', inserts 7 rows of sample data, and then attempts to delete a student from the 'Students' table using a foreign key constraint.

Below the script, there are two tabs: 'Results' (selected) and 'Chart'. The 'Results' tab displays a table showing the creation of the 'COURSES' table with 1 row successfully created. It also shows 'Query Details' for the query duration (163ms), number of rows (1), and query ID (01b6f342-0002-e6f1-0...). A 'Show more' button is available for additional details.

The 'Chart' tab shows a progress bar indicating the status of the query execution.

On the right side, a 'Logs' panel titled '8 Queries' lists the execution history of the queries. Each entry includes the timestamp, duration, and the specific SQL command executed. The logs show the creation of the 'Courses' table, followed by attempts to delete students from the 'Students' table using their foreign keys.

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD dddml\_companydb\_script dddml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ↗

Databases Worksheets

Pinned (2)

- BANK
- Search objects C
- BANK
- COMPANYDB
- SCHOOLDB
  - INFORMATION\_SCHEMA
  - PUBLIC
  - SCHOOL\_SCHEMA
    - Tables
    - COURSES
    - MAJORS

```

151 -- Cascade DELETE Operations:
152 -- Remove a course from the Courses table (hypothetical) and ensure all students enrolled in that course are also removed.
153
154 CREATE OR REPLACE TABLE SCHOOLDB.SCHOOL_SCHEMA.Courses(
155   CourseID NUMBER(8,0),
156   Course VARCHAR(50)
157 );
158 INSERT INTO SCHOOLDB.SCHOOL_SCHEMA.Courses(CourseID, Course)
159 VALUES (1,'Engineering'),
160       (2,'Mathematics'),
161       (3,'Art'),
162       (4,'Science'),
163       (5,'Computer Science'),
164       (6,'History'),
165       (7,'Alumni');
166 -- Delete Using a Restriction:
167 -- Attempt to delete a student from the Students table if they are referenced in another table, such as a Grades table (hypothetical).
168

```

**Results** ↗ Chart

	number of rows inserted	Query Details	...
1	7	Query duration 552ms Rows 1 Query ID 91b6f34d-0002-e6f1-0...	Show more ↴

number of rows inserted #  
100% filled

7 Queries Status Successful ↴ C

Wed Sep 11 2024

- 8:23:59 AM 552ms INSERT INTO SCHOOLDB.SCHOOL\_SCHEMA.Courses(CourseID, Course) VALUE...
- 8:12:30 AM 163ms CREATE OR REPLACE TABLE SCHOOLDB.SCHOOL\_SCHEMA.Courses( CourseID N...
- 7:58:05 AM 31ms SELECT Course FROM Students WHERE Course = NULL;
- 7:57:35 AM 328ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS USING MAJORS WHERE Stu...
- 7:55:49 AM 551ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS USING MAJORS WHERE Stu...
- 4:06:25 AM 73ms ALTER TABLE SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS ADD CONSTRAINT FK\_Std...

SN

Load sample data with SQ... FILE FORMAT BULK\_DATA\_UPLOAD ddldml\_companydb\_script ddldml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + ↴ ↵ ACCOUNTADMIN COMPUTE\_WH (X-Small) Share ➔

Databases Worksheets SCHOOLDDB.SCHOOL\_SCHEMA Settings ↴ ↵

Pinned (2)

BANK

Search objects C

SCHOOL\_SCHEMA

- Tables
  - COURSES
  - MAJORS
  - STUDENTS**
- Stages
- File Formats
- Pipes

SNOWFLAKE

STUDENTS 414 Rows ↴ ...

#	STUDENTID	NUMBER(8,0)
A	FIRSTNAME	VARCHAR(50)
A	LASTNAME	VARCHAR(50)
⌚	DATEOFBIRTH	DATE
⌚	ENROLMENTDATE	DATE
A	COURSE	VARCHAR(50)
0 1	GRADUATED	BOOLEAN

160     VALUES (1,'Engineering'),  
161         (2,'Mathematics'),  
162         (3,'Art'),  
163         (4,'Science'),  
164         (5,'Computer Science'),  
165         (6,'History'),  
166         (7,'Alumni');

167  
168     DELETE FROM Students WHERE Course = 'History';  
169  
170     -- Delete Using a Restriction:  
171     -- Attempt to delete a student from the Students table if they are referenced in another table, such as a Grades table (hypothetical).  
172  
173     CREATE OR REPLACE TABLE SCHOOLDDB.SCHOOL\_SCHEMA.Grades(  
174         StudentID NUMBER(8,0) NOT NULL,  
175         StudentFirstName VARCHAR(100) NOT NULL,  
176         StudentLastName VARCHAR(100) NOT NULL,  
177         Course VARCHAR(50) NOT NULL,  
178         Grade VARCHAR(5) NOT NULL  
179     );

Results Chart

number of rows deleted	
1	51

Query Details ...  
Query duration 436ms  
Rows 1  
Query ID 01b6f45b-0002-e688-0...  
Show more ↴

25 Queries Status All ↴ C

Wed Sep 11 2024

- 12:53:33 PM 436ms DELETE FROM Students WHERE Course = 'History';
- 12:53:28 PM 70ms select course from students where course = 'History';
- 12:52:09 PM 404ms INSERT INTO SCHOOLDDB.SCHOOL\_SCHEMA.Courses(CourseID, Course) VALUES (1,'E...
- 12:52:05 PM 239ms CREATE OR REPLACE TABLE SCHOOLDDB.SCHOOL\_SCHEMA.Courses( CourseID NUMBER(8,...
- 12:50:51 PM 477ms DELETE FROM Students WHERE StudentID = 4;

SN

☰

 snowflake

+ Create

Home

Search

Projects

Data

Data Products

AI & ML

Monitoring

Query History

Copy History

Task History

Dynamic Tables

Trust Center

Governance

Admin

\$273 credits left (i) ...

Trial ends in 3 days

Extend Trial Upgrade

SN Sayantan Naha ACCOUNTADMIN

## Query - 01b6f477-0002-e6f1-0000-2f4b00091a72

SAYANTANN

C v

Query Details Query Profile

**Details**

Status	Duration	Driver Status
Success	86ms	Supported
Start Time	Query ID	Client Driver
9/11/2024, 1:21:49 PM	01b6f477-0002-e6f1-0000-2f4b00091a72 <span>copy</span>	Go 1.1.5 <span>(i)</span>
End Time	Query Tag	Session ID
9/11/2024, 1:21:49 PM	—	51999169552662 <span>copy</span>
Warehouse Size		
—		

**SQL Text**

```
ALTER TABLE SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
ADD CONSTRAINT FK_StudentID_Grade
FOREIGN KEY(StudentID) REFERENCES Grades(StudentID)
ON DELETE CASCADE;
```

**Results** 1 of 1 Row • Cluster — Export Results

	status
1	Statement executed successfully.

Search

- BANK
- COMPANYDB
- SCHOOLDB
  - INFORMATION\_SCHEMA
  - PUBLIC
  - SCHOOL\_SCHEMA
    - Tables
      - COURSES
        - GRADES
      - MAJORS
      - STUDENTS
    - Stages
    - File Formats
    - Pipes
- SNOWFLAKE
- SNOWFLAKE\_SAMPLE\_DATA

## SCHOOLDB / SCHOOL\_SCHEMA / GRADES

Table ACCOUNTADMIN 1 day ago 414 7.5KB

Table Details Columns Data Preview Copy History

### Table definition

```
1  create or replace TABLE SCHOOLDB.SCHOOL_SCHEMA.GRADES (
2    STUDENTID NUMBER(8,0),
3    FIRSTNAME VARCHAR(50),
4    LASTNAME VARCHAR(50),
5    COURSE VARCHAR(50),
6    GRADES VARCHAR(2) NOT NULL DEFAULT 'F'
7 );
```

Show less ^

### Privileges

Group by Role ▾ + Privilege

ACCOUNTADMIN (Current Role)

OWNERSHIP

Q Search C

> BANK

> COMPANYDB

✓ SCHOOLDB

> INFORMATION\_SCHEMA

> PUBLIC

> SCHOOL\_SCHEMA

Tables

COURSES

GRADES

MAJORS

STUDENTS

Stages

File Formats

Pipes

Snowflake

Snowflake\_Sample\_Data

## SCHOOLDB / SCHOOL\_SCHEMA / GRADES

Table ACCOUNTADMIN 1 day ago 414 7.5KB

Table Details Columns Data Preview Copy History

\* COMPUTE\_WH 100 of 414 Rows • Updated just now C

	STUDENTID	FIRSTNAME	LASTNAME	COURSE	GRADES
1		1	Christina	Clarke	C
2		2	Scott	Gibbs	C
3		9	Connor	Gardner	C
4		12	Sara	Frye	C
5		15	Joshua	Ballard	C
6		16	Justin	Bell	C
7		22	Nicole	Alvarez	C
8		31	Lisa	Harris	C
9		38	Jessica	Snow	C
10		39	Tracy	Hernandez	C
11		41	Mitchell	Wiggins	C
12		48	Peter	Wright	C
13		52	Bruce	Robertson	C
14		54	Anthony	Horton	C
15		60	Kelly	Clark	C
16		61	Deborah	Brown	C
17		65	Debbie	Wilson	C
18		70	Jennifer	Ayala	C
19		71	Hannah	Torres	C

The screenshot shows a Snowflake database interface with the following components:

- Header:** Includes tabs for "Load sample data with SQ...", "FILE\_FORMAT", "BULK\_DATA\_UPLOAD", "ddldml\_companydb\_script", "ddldml\_schooldb\_script", and timestamp indicators "2024-09-09 11:21am" and "2024-09-10 8:58pm".
- Sidebar:** Features a "Databases" section with "BANK" selected, a search bar "Search objects", and a "Tables" section listing "COURSES", "GRADES", "MAJORS", and "STUDENTS" (which is currently selected).
- Query Editor:** Displays a SQL script with numbered lines (187 to 207) performing various database operations like SELECT, ALTER TABLE, UPDATE, and DELETE.
- Results Panel:** Shows the output for the "STUDENTS" table, indicating 413 rows.
- Query Details:** A table showing "number of rows deleted" (1), "Query duration" (678ms), and "Rows" (1).
- History Panel:** Titled "25 Queries", it lists recent activities with timestamps and details, such as "2:25:21 PM 678ms DELETE FROM STUDENTS WHERE STUDENTID = 41;".

The screenshot shows a data management interface with the following components:

- Header:** Includes tabs for "Load sample data with SQ...", "FILE\_FORMAT", "BULK\_DATA\_UPLOAD", "ddldml\_companydb\_script", "ddldml\_schooldb\_script", and two timestamped entries: "2024-09-09 11:21am" and "2024-09-10 8:58pm". There are also "+" and "x" buttons.
- Sidebar:** Features a vertical toolbar with icons for file operations, a search bar labeled "Search objects", and a pinned section containing "BANK".
- Databases:** A section titled "SCHOOLDB.SCHOOL\_SCHEMA" with a dropdown menu and a "Settings" button.
- Code Editor:** Displays a SQL script with numbered lines (188 to 207) and syntax highlighting. The script performs various database operations like creating tables, updating data, and deleting records based on conditions and aggregate functions.
- Results Table:** Shows the "STUDENTS" table with 413 rows. The table has columns: #, STUDENTID (NUMBER(8,0)), FIRSTNAME (VARCHAR(50)), LASTNAME (VARCHAR(50)), DATEOFBIRTH (DATE), ENROLMENTDATE (DATE), COURSE (VARCHAR(50)), and GRADUATED (BOOLEAN). A "Results" tab is selected, showing a single row deleted (1 row deleted, 0 rows remaining).
- Query Details:** A panel showing "Query Details" for the last operation, including "Query duration: 226ms" and a progress bar.
- Logs:** A "25 Queries" log from Sep 11 2024, listing several DELETE and UPDATE statements with their timestamps, query IDs, and details.

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD ddldml\_companydb\_script ddldml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + Share

**Databases** Worksheets

Pinned (2)

BANK

Search objects C

- Tables
  - COURSES
  - GRADES
  - MAJORS
  - STUDENTS**
- Stages
- File Formats
- Pipes

SNOWFLAKE

	STUDENTS	413 Rows	...
#	STUDENTID	NUMBER(8,0)	
A	FIRSTNAME	VARCHAR(50)	
A	LASTNAME	VARCHAR(50)	
(L)	DATEOFBIRTH	DATE	
(L)	ENROLMENTDATE	DATE	
A	COURSE	VARCHAR(50)	
0 1	GRADUATED	BOOLEAN	

SCHOOLDB.SCHOOL\_SCHEMA Settings

```

193 UPDATE GRADES
194 SET Grades = RANDSTR(1,1);
195
196 DELETE FROM STUDENTS WHERE STUDENTID = 41;
197
198 -- Deleting All Records with a Condition
199 -- Delete All Records Based on a Common Attribute:
200 -- Remove all records from the Students table where the Course is 'Art'.
201
202 DELETE FROM Students
203 Where Course = 'Art';
204
205 -- Delete Records with NULL Values:
206 -- Remove all students from the Students table where the EnrollmentDate is NULL.
207
208 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
209 WHERE EnrolmentDate IS NULL;
210
211 -- Conditional DELETE Using Aggregate Functions:
212 -- Remove students from the Students table who enrolled after the latest enrollment date in the table.

```

Results Chart

number of rows deleted	Query Details	...
1	Query duration 212ms	
	Rows 1	
	Query ID 01b6f4bd-0002-e7aa-0...	
	Show more	
number of rows deleted	#	

25 Queries Status All C

Wed Sep 11 2024

- 2:31:07 PM 212ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS WHERE EnrolmentDate IS NULL;
- 2:30:58 PM 18ms DELETE FROM SCHOOLDB.SCHOOL\_SCHEMA.STUDENTS WHERE EnrollmentDate IS NULL;
- 2:28:00 PM 226ms DELETE FROM Students Where Course = 'Art';
- 2:27:43 PM 39ms DELETE Course FROM Students Where Course = 'Art';
- 2:25:21 PM 678ms DELETE FROM STUDENTS WHERE STUDENTID = 41;

Load sample data with SQ... FILE\_FORMAT BULK\_DATA\_UPLOAD ddldml\_companydb\_script ddldml\_schooldb\_script 2024-09-09 11:21am 2024-09-10 8:58pm + Share

Databases Worksheets

Pinned (2)

- BANK
- Search objects C
  - SCHOOLDB
    - INFORMATION\_SCHEMA
    - PUBLIC
    - SCHOOL\_SCHEMA
      - Tables
        - COURSES
        - GRADES
        - MAJORS
        - STUDENTS**

Code Versions

SCHOOLDB.SCHOOL\_SCHEMA Settings

```

196 DELETE FROM STUDENTS WHERE STUDENTID = 41;
197
198 -- Deleting All Records with a Condition
199 -- Delete All Records Based on a Common Attribute:
200 -- Remove all records from the Students table where the Course is 'Art'.
201
202 DELETE FROM Students
203 Where Course = 'Art';
204
205 -- Delete Records with NULL Values:
206 -- Remove all students from the Students table where the EnrollmentDate is NULL.
207
208 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
209 WHERE EnrolmentDate IS NULL;
210
211 -- Conditional DELETE Using Aggregate Functions:
212 -- Remove students from the Students table who enrolled after the latest enrollment date in the table.
213
214 DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS
215 WHERE EnrolmentDate > (SELECT MAX(EnrolmentDate) FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS);

```

**Results**

	number of rows deleted	Query Details	...
1	0	Query duration 383ms	
		Rows 1	
		Query ID 01b6f4c3-0002-e7a1-0...	
		Show more	
		number of rows deleted	#

25 Queries Status All

Time	Duration	Query
Wed Sep 11 2024	383ms	2:37:59 PM DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE EnrolmentDate > (SELECT...
	74ms	2:36:46 PM DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE EnrolmentDate > (SELECT...
	84ms	2:35:03 PM DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE EnrolmentDate > (SELECT...
	36ms	2:33:18 PM DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE EnrolmentDate > (MAX(En...
	34ms	2:33:01 PM DELETE FROM SCHOOLDB.SCHOOL_SCHEMA.STUDENTS WHERE (EnrolmentDate > MAX(En...