

Microsoft Windows [Version 10.0.26100.6899]  
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```
C:\Users\admin>snowsql -a FSBBSTN-IH05083 -u ROSHINI -p cera@123@123CERA
cera@123@123CERA is not a valid integer
Try "snowsql --help" for more information.
```

```
C:\Users\admin>snowsql -a FSBBSTN-IH05083 -u ROSHINI
Password:
* SnowSQL * v1.4.5
Type SQL statements or !help
ROSHINI#COMPUTE_WH@(no database).(no schema)>create database management;
+-----+
| status          |
+-----+
| Database MANAGEMENT successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.421s
ROSHINI#COMPUTE_WH@MANAGEMENT.PUBLIC>create schema employment;
+-----+
| status          |
+-----+
| Schema EMPLOYMENT successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.638s
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>create table
hotel_management(member_id int,member_name varchar(100));
+-----+
| status          |
+-----+
| Table HOTEL_MANAGEMENT successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.484s
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>create or replace stage
segment;
+-----+
| status          |
+-----+
| Stage area SEGMENT successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.708s
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT> PUT
'file://C:/Users/admin/Downloads/member_id,member_name.csv' @segment;
253006 (n/a): File doesn't exist:
['C:/Users/admin/Downloads/member_id,member_name.csv']
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT> PUT
'file://C:/Users/admin/Downloads/member_id,member_name*.csv'@segment;
```

253006 (n/a): File doesn't exist:

['C:/Users/admin/Downloads/member\_id,member\_name\*.csv']

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/Users/admin/Downloads/member\_id/member\_name/\*.csv'@segment;

253006 (n/a): File doesn't exist:

['C:/Users/admin/Downloads/member\_id/member\_name/\*.csv']

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/Users/admin/Downloads/member\_id/member\_name/\*.xlsx' @segment;

253006 (n/a): File doesn't exist:

['C:/Users/admin/Downloads/member\_id/member\_name/\*.xlsx']

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/snow\_assignment1/\*.xlsx'@segment;

+-----+-----+-----+-----+-----+-----+-----+-----							
+-----+							
source	target	source_size	target_size	source_compression	target_compression	status	message
+-----+-----+-----+-----+-----+-----+-----+-----							
+-----+							
employee.1.xlsx	employee.1.xlsx.gz	8874	6336	NONE		GZIP	
UPLOADED							
employee.2.xlsx	employee.2.xlsx.gz	8886	6352	NONE		GZIP	
UPLOADED							
employee.3.xlsx	employee.3.xlsx.gz	8887	6352	NONE		GZIP	
UPLOADED							
employee.4.xlsx	employee.4.xlsx.gz	8907	6368	NONE		GZIP	
UPLOADED							
+-----+-----+-----+-----+-----+-----+-----+-----							
+-----+							

4 Row(s) produced. Time Elapsed: 1.119s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/snow\_assignment1/\*.xlsx'@segment;

253006 (n/a): File doesn't exist: ['C:/snow\_assignment1/\*.xlsx']

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/snow\_assignment1/\*.csv'@segment;

+-----+-----+-----+-----+-----+-----+-----+-----							
+-----+							
source	target	source_size	target_size	source_compression	target_compression	status	message
+-----+-----+-----+-----+-----+-----+-----+-----							
+-----+							
employee-1.csv	employee-1.csv.gz	125	128	NONE		GZIP	
UPLOADED							
employee-2.csv	employee-2.csv.gz	135	128	NONE		GZIP	
UPLOADED							
employee-3.csv	employee-3.csv.gz	143	128	NONE		GZIP	
UPLOADED							
employee-4.csv	employee-4.csv.gz	153	144	NONE		GZIP	
UPLOADED							

```

+-----+-----+-----+-----+-----+-----+
+-----+
4 Row(s) produced. Time Elapsed: 1.806s
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>CREATE OR REPLACE FILE
FORMAT FF_CSV

                                         TYPE = 'CSV'

FIELD_OPTIONALLY_ENCLOSED_BY=""

                                         SKIP_HEADER=1
                                         FIELD_DELIMITER = ','
                                         NULL_IF = ('NULL', 'null');

001003 (42000): SQL compilation error:
syntax error line 6 at position 68 unexpected ' '.
parse error line 6 at position 77 near '<EOF>'.
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>CREATE OR REPLACE FILE
FORMAT FF_CSV

                                         TYPE =

'csv'

FIELD_OPTIONALLY_ENCLOS
ED_BY=""

SKIP_HEADER=1

FIELD_DELIMITER = ','

                                         NULL_IF

= ('NULL', 'nul

                                         l');

001003 (42000): SQL compilation error:
syntax error line 6 at position 109 unexpected ' '.
parse error line 6 at position 118 near '<EOF>'.
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>CREATE OR REPLACE FILE
FORMAT FF_CSV

                                         TYPE = 'csv'

FIELD_OPTIONALLY_ENCLOSED_BY=""

SKIP_HEADER=1

FIELD_DELIMITER = ','

                                         NULL_IF =

('NULL', 'null');
+-----+
| status          |
|-----|
| File format FF_CSV successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.191s

```

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>copy into hotel\_management  
from @segment

FILE\_FORMAT = (FORMAT\_NAME = 'FF\_CSV')  
ON\_ERROR = 'CONTINUE';

file	status	rows_parsed	rows_loaded	error_limit	errors_seen	first_error
first_error_line	first_error_character	first_error_column_name				
segment/employee.2.xlsx.gz	LOAD_FAILED	26	0	26	26	Number of columns in file (1) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"["MEMBER_ID":1]
segment/employee.3.xlsx.gz	LOAD_FAILED	20	0	20	20	Number of columns in file (1) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"["MEMBER_ID":1]
segment/employee-3.csv.gz	LOAD_FAILED	5	0	5	5	Number of columns in file (4) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"[4]
segment/employee-2.csv.gz	LOAD_FAILED	5	0	5	5	Number of columns in file (4) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"[4]
segment/employee-1.csv.gz	LOAD_FAILED	5	0	5	5	Number of columns in file (4) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"[4]
segment/employee.1.xlsx.gz	LOAD_FAILED	21	0	21	21	Number of columns in file (1) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"["MEMBER_ID":1]
segment/employee.4.xlsx.gz	LOAD_FAILED	21	0	21	21	Number of columns in file (1) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"["MEMBER_ID":1]
segment/employee-4.csv.gz	LOAD_FAILED	5	0	5	5	Number of columns in file (4) does not match that of the corresponding table (2), use file format option error_on_column_count_mismatch=false to ignore this error   3   1   "HOTEL_MANAGEMENT"[4]

8 Row(s) produced. Time Elapsed: 2.484s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>select\*from  
hotel\_management;

```
+-----+-----+
| MEMBER_ID | MEMBER_NAME |
|-----+-----|
+-----+-----+
```

0 Row(s) produced. Time Elapsed: 0.447s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>create table employee(id int,  
name varchar(50), dept varchar(50), email varchar(50));

```
+-----+
| status          |
|-----|
| Table EMPLOYEE successfully created. |
+-----+
```

1 Row(s) produced. Time Elapsed: 0.476s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>COPY INTO employee  
FROM @segment  
FILE\_FORMAT = (FORMAT\_NAME = 'FF\_CSV')  
ON\_ERROR = 'CONTINUE';

```
+-----+-----+-----+-----+-----+-----+
| file          | status      | rows_parsed | rows_loaded | error_limit | errors_seen |
| first_error
| first_error_line | first_error_character | first_error_column_name |
+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+
| segment/employee-1.csv.gz | PARTIALLY_LOADED | 5 | 4 | 5 | 1 |
Numeric value 'ID' is not recognized
| 2 | 1 | "EMPLOYEE"["ID":1] |
| segment/employee-4.csv.gz | PARTIALLY_LOADED | 5 | 4 | 5 | 1 |
Numeric value 'ID' is not recognized
| 2 | 1 | "EMPLOYEE"["ID":1] |
| segment/employee-3.csv.gz | PARTIALLY_LOADED | 5 | 4 | 5 | 1 |
Numeric value 'ID' is not recognized
| 2 | 1 | "EMPLOYEE"["ID":1] |
| segment/employee-2.csv.gz | PARTIALLY_LOADED | 5 | 4 | 5 | 1 |
Numeric value 'ID' is not recognized
| 2 | 1 | "EMPLOYEE"["ID":1] |
| segment/employee.4.xlsx.gz | LOAD_FAILED | 21 | 0 | 21 | 21 |
Number of columns in file (1) does not match that of the corresponding table (4), use file
format option error_on_column_count_mismatch=false to ignore this error | 3 |
1 | "EMPLOYEE"["ID":1] |
| segment/employee.2.xlsx.gz | LOAD_FAILED | 26 | 0 | 26 | 26 |
Number of columns in file (1) does not match that of the corresponding table (4), use file
```

```
format option error_on_column_count_mismatch=false to ignore this error | 3 |
1 | "EMPLOYEE"["ID":1] |
| segment/employee.1.xlsx.gz | LOAD_FAILED | 21 | 0 | 21 | 21 |
```

Number of columns in file (1) does not match that of the corresponding table (4), use file

```
format option error_on_column_count_mismatch=false to ignore this error | 3 |
```

```
1 | "EMPLOYEE"["ID":1] |
| segment/employee.3.xlsx.gz | LOAD_FAILED | 20 | 0 | 20 | 20 |
```

Number of columns in file (1) does not match that of the corresponding table (4), use file

```
format option error_on_column_count_mismatch=false to ignore this error | 3 |
```

```
1 | "EMPLOYEE"["ID":1] |
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
-----+-----+-----+-----+-----+-----+-----+-----+
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
```

8 Row(s) produced. Time Elapsed: 3.628s

```
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>select*from employee;
```

```
+---+-----+-----+-----+-----+
```

```
| ID | NAME | DEPT | EMAIL |
```

```
|---+-----+-----+-----+-----|
```

```
| 1 | John | Sales | John@gmail.com |
```

```
| 2 | Jane | HR | Jane@gmail.com |
```

```
| 3 | Mike | IT | mike@gmail.com |
```

```
| 4 | Jai | Mech | Jai@gmail.com |
```

```
| 15 | manavalan | Sales | manavalan@gmail.com |
```

```
| 16 | sojan | HR | sojan@gmail.com |
```

```
| 17 | praveen | IT | praveen@gmail.com |
```

```
| 18 | ganesh | Mech | ganesh@gmail.com |
```

```
| 11 | shilpa | Sales | shilpa@gmail.com |
```

```
| 12 | shri | HR | shri@gmail.com |
```

```
| 13 | roshini | IT | roshini@gmail.com |
```

```
| 14 | kawin | Mech | kawin@gmail.com |
```

```
| 5 | kishore | Sales | kishore@gmail.com |
```

```
| 6 | ram | HR | ram@gmail.com |
```

```
| 7 | ramesh | IT | ramesh@gmail.com |
```

```
| 8 | prem | Mech | prem@gmail.com |
```

```
+---+-----+-----+-----+-----+
```

16 Row(s) produced. Time Elapsed: 1.164s

```
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT>create or replace stage
control;
```

```
+-----+-----+-----+-----+
```

```
| status |
```

```
|-----|
```

```
| Stage area CONTROL successfully created. |
```

```
+-----+-----+-----+-----+
```

1 Row(s) produced. Time Elapsed: 0.940s

```
ROSHINI#COMPUTE_WH@MANAGEMENT.EMPLOYMENT> PUT PUT
```

```
'file://C:/snow_assignment1/*.xlsx'@control;
```

001003 (42000): SQL compilation error:

syntax error line 1 at position 5 unexpected 'PUT'.

syntax error line 1 at position 44 unexpected '@control'.

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/snow\_assignment1/\*.xlsx'@control;

253006 (n/a): File doesn't exist: ['C:/snow\_assignment1/\*.xlsx']

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT> PUT

'file://C:/snow\_assignment1/\*.csv'@control;

source	target	source_size	target_size	source_compression	target_compression	status   message
employee-1.csv	employee-1.csv.gz	125	128	NONE	GZIP	UPLOADED
employee-2.csv	employee-2.csv.gz	135	128	NONE	GZIP	UPLOADED
employee-3.csv	employee-3.csv.gz	143	128	NONE	GZIP	UPLOADED
employee-4.csv	employee-4.csv.gz	153	144	NONE	GZIP	UPLOADED

4 Row(s) produced. Time Elapsed: 1.287s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>copy into employee(id,name)  
from(select \$1,\$2 from @control/employee-1.csv)file\_format = (format\_name = 'FF\_CSV'  
)on\_error = 'CONTINUE';

001006 (22023): SQL compilation error:

invalid parameter 'file\_format'

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>COPY INTO employee(id,  
name)

FROM (select  
\$1,\$2 from @control/em  
ployee-1.csv)  
FILE\_FORMAT =  
(FORMAT\_NAME = 'FF\_CS  
V')  
ON\_ERROR =  
'CONTINUE';

file	status	rows_parsed	rows_loaded	error_limit	errors_seen	first_error	first_error_line	first_error_character	first_error_column_name
control/employee-1.csv.gz	PARTIALLY_LOADED	5	4	5	1	Numeric value 'ID' is not recognized	2	1	"EMPLOYEE"["ID":1]

1 Row(s) produced. Time Elapsed: 2.654s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>select\*from employee;

```
+---+-----+-----+-----+
| ID | NAME   | DEPT | EMAIL                |
+---+-----+-----+-----+
| 1 | John   | Sales | John@gmail.com       |
| 2 | Jane   | HR    | Jane@gmail.com       |
| 3 | Mike   | IT    | mike@gmail.com       |
| 4 | Jai    | Mech | Jai@gmail.com        |
| 15 | manavalan | Sales | manavalan@gmail.com |
| 16 | sojan   | HR    | sojan@gmail.com      |
| 17 | praveen | IT    | praveen@gmail.com    |
| 18 | ganesh  | Mech | ganesh@gmail.com     |
| 11 | shilpa  | Sales | shilpa@gmail.com     |
| 12 | shri    | HR    | shri@gmail.com       |
| 13 | roshini | IT    | roshini@gmail.com    |
| 14 | kawin   | Mech | kawin@gmail.com      |
| 5 | kishore | Sales | kishore@gmail.com    |
| 6 | ram     | HR    | ram@gmail.com        |
| 7 | ramesh  | IT    | ramesh@gmail.com     |
| 8 | prem    | Mech | prem@gmail.com       |
| 1 | John   | NULL | NULL                 |
| 2 | Jane   | NULL | NULL                 |
| 3 | Mike   | NULL | NULL                 |
| 4 | Jai    | NULL | NULL                 |
+---+-----+-----+-----+
```

20 Row(s) produced. Time Elapsed: 0.283s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>DESC employee ;

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
| name | type      | kind | null? | default | primary key | unique key | check | expression |
comment | policy name | privacy domain |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
| ID | NUMBER(38,0) | COLUMN | Y | NULL | N | N | NULL | NULL |
NULL | NULL | NULL |
| NAME | VARCHAR(50) | COLUMN | Y | NULL | N | N | NULL | NULL |
NULL | NULL | NULL |
| DEPT | VARCHAR(50) | COLUMN | Y | NULL | N | N | NULL | NULL |
NULL | NULL | NULL |
| EMAIL | VARCHAR(50) | COLUMN | Y | NULL | N | N | NULL | NULL |
NULL | NULL | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
```

4 Row(s) produced. Time Elapsed: 0.787s

ROSHINI#COMPUTE\_WH@MANAGEMENT.EMPLOYMENT>create database json\_file;

```
+-----+
```



```

| status          |
|-----|
| Database JSON_FILE successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.610s
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>create or replace stage json_stage;
+-----+
| status          |
|-----|
| Stage area JSON_STAGE successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.769s
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>CREATE OR REPLACE FILE FORMAT
FF_JSON_FLAT
                                TYPE = 'JSON'
                                STRIP_OUTER_ARRAY = FALSE;
+-----+
| status          |
|-----|
| File format FF_JSON_FLAT successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.209s
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>CREATE OR REPLACE TABLE
EMP_FLAT_JSON (
                                ID INT,
                                Name STRING,
                                Dept STRING,
                                Email STRING
                                );
+-----+
| status          |
|-----|
| Table EMP_FLAT_JSON successfully created. |
+-----+
1 Row(s) produced. Time Elapsed: 0.329s
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>put
'file://c:/Users/admin/Downloads/employee_flat.json.txt' @jso
n_stage;
+-----+-----+-----+-----+-----+-----+
---+-----+-----+
| source          | target          | source_size | target_size | source_compression |
target_compression | status  | message |
+-----+-----+-----+-----+-----+-----+
---+-----+-----+
| employee_flat.json.txt | employee_flat.json.txt.gz | 239 | 176 | NONE |
GZIP | UPLOADED |
+-----+-----+-----+-----+-----+-----+
---+-----+-----+

```

1 Row(s) produced. Time Elapsed: 2.427s

```
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>COPY INTO EMP_FLAT_JSON
      FROM @json_stage/employee_flat.json
      FILE_FORMAT = (FORMAT_NAME = 'FF_JSON_FLAT')
      ON_ERROR = 'CONTINUE';
```

002019 (0A000): SQL compilation error:

JSON file format can produce one and only one column of type variant, object, or array.  
Load data into separate columns using the MATCH\_BY\_COLUMN\_NAME copy option or  
copy with transformation.

```
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>put
'file:///C:/Users/admin/Downloads/employee_flat.txt' @json_st
age;
```

253006 (n/a): File doesn't exist: ["/C:/Users/admin/Downloads/employee\_flat.txt"]

```
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>CREATE OR REPLACE TABLE
EMP_FLAT_JSON (
      RAW VARIANT
    );
```

```
+-----+
| status |
+-----+
| Table EMP_FLAT_JSON successfully created. |
+-----+
```

1 Row(s) produced. Time Elapsed: 0.256s

```
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>COPY INTO EMP_FLAT_JSON
      FROM @json_stage/employee_flat.json
      FILE_FORMAT = (FORMAT_NAME = 'FF_JSON_FLAT')
      ON_ERROR = 'CONTINUE';
```

```
+-----+-----+-----+-----+-----+-----+
| file | status | rows_parsed | rows_loaded | error_limit |
errors_seen | first_error | first_error_line | first_error_character |
first_error_column_name |
+-----+-----+-----+-----+-----+-----+
| json_stage/employee_flat.json.txt.gz | PARTIALLY_LOADED | 5 | 3 | 5 |
2 | Error parsing JSON: unknown keyword "employee_flat" | 1 | 14 |
RAW |
+-----+-----+-----+-----+-----+-----+
```

1 Row(s) produced. Time Elapsed: 2.398s

```
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>
ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>select * from EMP_FLAT_JSON;
```

```
+-----+
| RAW |
+-----+
| { |
```

```

| "Dept": "Sales",      |
| "Email": "john@example.com", |
| "ID": 1,              |
| "Name": "John"        |
| }                     |
| {                     |
| "Dept": "HR",         |
| "Email": "jane@example.com", |
| "ID": 2,              |
| "Name": "Jane"        |
| }                     |
| {                     |
| "Dept": "IT",         |
| "Email": "mike@example.com", |
| "ID": 3,              |
| "Name": "Mike"        |
| }                     |

```

+-----+

3 Row(s) produced. Time Elapsed: 2.293s

```

ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>SELECT
      RAW:ID::INT AS ID,
      RAW:Name::STRING AS Name,
      RAW:Dept::STRING AS Dept
FROM EMP_NESTED_JSON;

```

002003 (42S02): SQL compilation error:

Object 'EMP\_NESTED\_JSON' does not exist or not authorized.

```

ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>SELECT
      RAW:ID::INT AS ID,
      RAW:Name::STRING AS Name,
      RAW:Dept::STRING AS Dept,RAW:email::string as email
FROM EMP_NESTED_JSON;

```

002003 (42S02): SQL compilation error:

Object 'EMP\_NESTED\_JSON' does not exist or not authorized.

```

ROSHINI#COMPUTE_WH@JSON_FILE.PUBLIC>SELECT
      RAW:ID::INT AS ID,
      RAW:Name::STRING AS Name,
      RAW:Dept::STRING AS Dept,
FROM EMP_FLAT_JSON;

```

+---+-----+-----+

```

| ID | NAME | DEPT |
|---+-----+-----|
| 1 | John | Sales |
| 2 | Jane | HR   |

```

| 3 | Mike | IT |  
+---+---+---+

3 Row(s) produced. Time Elapsed: 0.260s

ROSHINI#COMPUTE\_WH@JSON\_FILE.PUBLIC>create database nested\_json;

+-----+

| status |

|-----|

| Database NESTED\_JSON successfully created. |

ROSHINI#COMPUTE\_WH@NESTED\_JSON.PUBLIC>create schema json\_file;

+-----+

| status |

|-----|

| Schema JSON\_FILE successfully created. |

+-----+

1 Row(s) produced. Time Elapsed: 0.138s

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>create or replace stage  
json\_stage;

+-----+

| status |

|-----|

| Stage area JSON\_STAGE successfully created. |

+-----+

1 Row(s) produced. Time Elapsed: 0.304s

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>create or replace file format  
FF\_SON\_FLAT TYPE = 'JSON';

+-----+

| status |

|-----|

| File format FF\_SON\_FLAT successfully created. |

+-----+

1 Row(s) produced. Time Elapsed: 0.343s

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>CREATE OR REPLACE TABLE  
JSON\_NESTED;

001003 (42000): SQL compilation error:

syntax error line 1 at position 35 unexpected ','.

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>CREATE OR REPLACE TABLE  
JSON\_NESTED (VALUE VARIANT);

+-----+

| status |

|-----|

| Table JSON\_NESTED successfully created. |

+-----+

1 Row(s) produced. Time Elapsed: 0.270s

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>PUT  
'file://C:/Users/admin/Downloads/nested.json' @json\_file;

002003 (02000): SQL compilation error:

Stage 'NESTED\_JSON.JSON\_FILE.JSON\_FILE' does not exist or not authorized.

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>PUT

'file://C:/Users/admin/Downloads/nested.json' @json\_stage;

```
+-----+-----+-----+-----+-----+-----+-----+-----+
----+
| source      | target      | source_size | target_size | source_compression |
target_compression | status      | message      |
+-----+-----+-----+-----+-----+-----+-----+-----+
---|
| nested.json | nested.json.gz | 440 | 224 | NONE | GZIP |
UPLOADED |
+-----+-----+-----+-----+-----+-----+-----+-----+
----+
```

1 Row(s) produced. Time Elapsed: 1.677s

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>copy into JSON\_NESTED from  
@json\_stage/nested.json file format = (format\_name = 'FF\_JSON\_FLAT') ON\_ERROR =  
'CONTINUE';

001003 (42000): SQL compilation error:

syntax error line 1 at position 56 unexpected 'format'.

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>COPY INTO JSON\_NESTED  
FROM @json\_STAGE/nested.json  
FILE\_FORMAT = (FORMAT\_NAME = 'FF\_JSON\_FLAT')  
ON\_ERROR = 'CONTINUE';

002003 (02000): SQL compilation error:

File format 'FF\_JSON\_FLAT' does not exist or not authorized.

ROSHINI#COMPUTE\_WH@NESTED\_JSON.JSON\_FILE>show FILE FORMATS;

```
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
| created_on      | name      | database_name | schema_name | type | owner      |
comment | format_options
| owner_role_type |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
| 2025-11-26 01:46:03.455 -0800 | FF_SON_FLAT | NESTED_JSON | JSON_FILE |
JSON | ACCOUNTADMIN |
{"TYPE":"JSON","FILE_EXTENSION":null,"DATE_FORMAT":"AUTO","TIME_FORMAT":"AU
TO","TIMESTAMP_FORMAT":"AUTO","BINARY_FORMAT":"HEX","TRIM_SPACE":false,"N
ULL_IF":[],"COMPRESSION":"AUTO","ENABLE_OCTAL":false,"ALLOW_DUPLICATE":false
,"STRIP_OUTER_ARRAY":false,"STRIP_NULL_VALUES":false,"IGNORE_UTF8_ERRORS"
:false,"REPLACE_INVALID_CHARACTERS":false,"SKIP_BYTE_ORDER_MARK":true,"MUL
TI_LINE":true} | ROLE
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
```

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>COPY INTO JSON_NESTED
FROM @json_STAGE/nested.json
FILE_FORMAT = (FORMAT_NAME =
'FF_JSON_FLAT')
ON_ERROR = 'CONTINUE';
```

```
ROSHIN#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT * FROM
JSON NESTED;
```

```

+-----+
| VALUE                                     |
+-----+
| {                                         |
|   "Contacts": {                         |
|     "Email": "john@example.com",      |
|     "Phone": "1234567890"            |
|   },                                   |
|   "Dept": "Sales",                     |
|   "ID": 1,                             |
|   "Name": "John",                     |
|   "Projects": [                       |
|     {                                   |
|       "ProjectID": 101,                |
|       "ProjectName": "ProjectA"       |
|     },                                 |
|     {                                   |
|       "ProjectID": 102,                |
|       "ProjectName": "ProjectB"       |
|     }                                 |
|   ]                                   |
| }                                     |
| {                                     |
|   "Contacts": {                       |
|     "Email": "jane@example.com",      |
|     "Phone": "9876543210"            |

```

```

| },
| "Dept": "HR",
| "ID": 2,
| "Name": "Jane",
| "Projects": [
| {
|   "ProjectID": 201,
|   "ProjectName": "ProjectX"
| }
| ]
| }

```

+-----+

2 Row(s) produced. Time Elapsed: 1.303s

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS::STRING AS
PROJECTS,
                                VALUE:ID::INT AS ID

```

FROM JSON\_NESTED;

```

+-----+----+
| PROJECTS | ID |
|-----+----|
| NULL    | 1 |
| NULL    | 2 |
+-----+----+

```

2 Row(s) produced. Time Elapsed: 1.734s

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS AS PROJECTS,
                                VALUE:ID AS ID

```

FROM JSON\_NESTED;

```

+-----+----+
| PROJECTS | ID |
|-----+----|
| NULL    | 1 |
| NULL    | 2 |
+-----+----+

```

2 Row(s) produced. Time Elapsed: 2.055s

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS::ARRAY AS
PROJECTS,
                                VALUE:ID ::INT AS ID

```

FROM JSON\_NESTED;

```

+-----+----+
| PROJECTS | ID |
|-----+----|
| NULL    | 1 |

```

```
| NULL | 2 |
+-----+----+
```

2 Row(s) produced. Time Elapsed: 0.227s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS::VARCHAR() AS
PROJECTS,
                                VALUE:ID ::INT AS ID
                                FROM JSON_NESTED;
```

```
+-----+----+
| PROJECTS | ID |
+-----+----+
| NULL | 1 |
| NULL | 2 |
+-----+----+
```

2 Row(s) produced. Time Elapsed: 0.246s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS::VARCHAR() AS
PROJECTS,
                                VALUE:ID ::INT AS ID
                                FROM JSON_NESTED;
```

```
+-----+----+
| PROJECTS | ID |
+-----+----+
| NULL | 1 |
| NULL | 2 |
+-----+----+
```

2 Row(s) produced. Time Elapsed: 0.830s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
                                VALUE:PROJECTS::ARRAY[0],[1] AS
PROJECTS,
                                VALUE:ID ::INT AS ID
                                FROM JSON_NESTED;
```

```
+-----+-----+----+
| VALUE:PROJECTS::ARRAY[0] | PROJECTS | ID |
+-----+-----+----+
| NULL | [ | 1 |
| | 1 | |
| | ] | |
| NULL | [ | 2 |
| | 1 | |
| | ] | |
+-----+-----+----+
```

2 Row(s) produced. Time Elapsed: 0.263s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT VALUE:ID::INT,
VALUE:PROJECTS[0]:PROJECTID::INT AS PRJ_ID, VALUE:PROJECTS[0]
```



```

/
;].PROJECTNAME::STRING as projectname,
001003 (42000): SQL compilation error:
syntax error line 3 at position 0 unexpected ';'.
001003 (42000): SQL compilation error:
syntax error line 1 at position 0 unexpected ']'.
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT VALUE:ID::INT,
VALUE:PROJECTS[0]:PROJECTID::INT AS PRJ_ID_0,
VALUE:PROJECTS[0].PROJECTNAME::STRING as projectname_0,
VALUE:PROJECTS[1]:PROJECTID::INT AS PRJ_ID_1,
VALUE:PROJECTS[1].PROJECTNAME::STRING as projectname_2 from JSON_NESTED;
+-----+-----+-----+-----+-----+
| VALUE:ID::INT | PRJ_ID_0 | PROJECTNAME_0 | PRJ_ID_1 | PROJECTNAME_2 |
+-----+-----+-----+-----+-----+
|          1 |    NULL | NULL          |    NULL | NULL          |
|          2 |    NULL | NULL          |    NULL | NULL          |
+-----+-----+-----+-----+-----+

```

2 Row(s) produced. Time Elapsed: 1.880s

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
VALUE:ID::INT AS EmployeeID,
p.value:ProjectID::INT AS ProjectID,
p.value:ProjectName::STRING AS ProjectName
FROM EMP_NESTED_JSON,
LATERAL FLATTEN(input => VALUE:Projects) p

```

```

;
002003 (42S02): SQL compilation error:
Object 'EMP_NESTED_JSON' does not exist or not authorized.
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
VALUE:ID::INT AS EmployeeID,
p.value:ProjectID::INT AS ProjectID,
p.value:ProjectName::STRING AS ProjectName
FROM NESTED_JSON,
LATERAL FLATTEN(input => VALUE:Projects) p

```

```

;
002003 (42S02): SQL compilation error:
Object 'NESTED_JSON' does not exist or not authorized.
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
VALUE:ID::INT AS EmployeeID,
p.value:ProjectID::INT AS ProjectID,
p.value:ProjectName::STRING AS ProjectName
FROM JSON_NESTED,
LATERAL FLATTEN(input => VALUE:Projects) p

```

```

;
002028 (42601): SQL compilation error:
ambiguous column name 'VALUE'

```

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
    VALUE:ID::INT AS EmployeeID,
    p.value:ProjectID::INT AS ProjectID,
    p.value:ProjectName::STRING AS ProjectName
FROM JSON_NESTED,
    LATERAL FLATTEN(input => VALUE:Projects) p

```

;

002028 (42601): SQL compilation error:  
ambiguous column name 'VALUE'

```

ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT * FROM
JSON_NESTED;

```

```

+-----+
| VALUE |
+-----+
| {      |
|  "Contacts": {      |
|    "Email": "john@example.com", |
|    "Phone": "1234567890"      |
|  },      |
|  "Dept": "Sales",      |
|  "ID": 1,      |
|  "Name": "John",      |
|  "Projects": [      |
|    {      |
|      "ProjectID": 101,      |
|      "ProjectName": "ProjectA" |
|    },      |
|    {      |
|      "ProjectID": 102,      |
|      "ProjectName": "ProjectB" |
|    }      |
|  ]      |
| }      |
| {      |
|  "Contacts": {      |
|    "Email": "jane@example.com", |
|    "Phone": "9876543210"      |
|  },      |
|  "Dept": "HR",      |
|  "ID": 2,      |
|  "Name": "Jane",      |
|  "Projects": [      |
|    {      |
|      "ProjectID": 201,      |
|      "ProjectName": "ProjectX" |
|    }      |
|  ]      |

```

```
|}
+-----+
```

2 Row(s) produced. Time Elapsed: 0.197s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>SELECT
      j.VALUE:ID::INT AS EmployeeID,
      p.VALUE:ProjectID::INT AS ProjectID,
      p.VALUE:ProjectName::STRING AS ProjectName
FROM JSON_NESTED j,
      LATERAL FLATTEN(input => j.VALUE:Projects) p;
```

```
+-----+-----+-----+
| EMPLOYEEID | PROJECTID | PROJECTNAME |
+-----+-----+-----+
|      1 |      101 | ProjectA |
|      1 |      102 | ProjectB |
|      2 |      201 | ProjectX |
+-----+-----+-----+
```

3 Row(s) produced. Time Elapsed: 2.257s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>create table nested_json as
SELECT
```

```
      j.VALUE:ID::INT AS EmployeeID,
      p.VALUE:ProjectID::INT AS ProjectID,
      p.VALUE:ProjectName::STRING AS
```

ProjectName

```
FROM JSON_NESTED j,
      LATERAL FLATTEN(input =>
```

j.VALUE:Projects) p;

```
+-----+
| status |
+-----+
| Table NESTED_JSON successfully created. |
+-----+
```

1 Row(s) produced. Time Elapsed: 2.722s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>select * from nested_json;
```

```
+-----+-----+-----+
| EMPLOYEEID | PROJECTID | PROJECTNAME |
+-----+-----+-----+
|      1 |      101 | ProjectA |
|      1 |      102 | ProjectB |
|      2 |      201 | ProjectX |
+-----+-----+-----+
```

3 Row(s) produced. Time Elapsed: 1.334s

```
ROSHINI#COMPUTE_WH@NESTED_JSON.JSON_FILE>create table nested_json as
SELECT
```

```
      j.VALUE:ID::INT AS EmployeeID,
      p.VALUE:ProjectID::INT AS ProjectID,
      p.VALUE:ProjectName::STRING AS
```

ProjectName

j.VALUE:Projects) p;

FROM JSON\_NESTED j,  
LATERAL FLATTEN(input =>