

```
cqlsh:cs> select * from employeeess;
```

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
-------	---------------	-----------	---------	-------	----------	----------	--------

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

(0 rows)

```
cqlsh:cs> COPY employees (empno,ename,jobtitle,hiredate,salary,annual_salary,dept_name,dept_no)
FROM 'C:\Users\haris\Downloads\data.xlsx' WITH HEADER=True AND DELIMITER='|';
```

Column family 'employees' not found

```
cqlsh:cs> COPY employeeess (empno,ename,jobtitle,hiredate,salary,annual_salary,dept_name,dept_no)
FROM 'C:\Users\haris\Downloads\data.xlsx' WITH HEADER=True AND DELIMITER='|';
```

Using 7 child processes

Starting copy of cs.employeeess with columns [empno, ename, jobtitle, hiredate, salary, annual_salary, dept_name, dept_no].

Failed to import 23 rows: Error - line contains NULL byte, given up after 1 attempts

Failed to process 23 rows; failed rows written to import_cs_employeeess.err

Processed: 23 rows; Rate: 15 rows/s; Avg. rate: 26 rows/s

23 rows imported from 1 files in 0.871 seconds (0 skipped).

```
cqlsh:cs> select * from employeeess;
```

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
-------	---------------	-----------	---------	-------	----------	----------	--------

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

(0 rows)

```
cqlsh:cs> COPY employeeess (empno,ename,jobtitle,hiredate,salary,annual_salary,dept_name,dept_no)
FROM 'C:\Users\haris\Downloads\data.xlsx' WITH HEADER=True AND DELIMITER='|';
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Starting copy of cs.employeeess with columns [empno, ename, jobtitle, hiredate, salary, annual_salary, dept_name, dept_no].

Failed to import 23 rows: Error - line contains NULL byte, given up after 1 attempts

Failed to process 23 rows; failed rows written to import_cs_employeeess.err

Processed: 23 rows; Rate: 15 rows/s; Avg. rate: 26 rows/s

23 rows imported from 1 files in 0.899 seconds (0 skipped).

```
cqlsh:cs> COPY employeeess (empno,ename,jobtitle,hiredate,salary,annual_salary,dept_name,dept_no)
FROM 'C:\Users\haris\Downloads\data.xlsx' WITH HEADER=True AND DELIMITER='|';
```

Using 7 child processes

Starting copy of cs.employeeess with columns [empno, ename, jobtitle, hiredate, salary, annual_salary, dept_name, dept_no].

Failed to import 23 rows: Error - line contains NULL byte, given up after 1 attempts

Failed to process 23 rows; failed rows written to import_cs_employeeess.err

Processed: 23 rows; Rate: 15 rows/s; Avg. rate: 26 rows/s

23 rows imported from 1 files in 0.882 seconds (0 skipped).

```
cqlsh:cs> select * from employeeess;
```

```
empno | annual_salary | dept_name | dept_no | ename | hiredate | jobtitle | salary
```

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

(0 rows)

```
cqlsh:cs> COPY employeeess (empno,ename,jobtitle,hiredate,salary,annual_salary,dept_name,dept_no)
FROM 'C:\Users\haris\Downloads\data.xlsx' WITH HEADER=True AND DELIMITER='|';
```

Using 7 child processes

Starting copy of cs.employeeess with columns [empno, ename, jobtitle, hiredate, salary, annual_salary, dept_name, dept_no].

Failed to import 23 rows: Error - line contains NULL byte, given up after 1 attempts

Failed to process 23 rows; failed rows written to import_cs_employeeess.err

Processed: 23 rows; Rate: 15 rows/s; Avg. rate: 26 rows/s

23 rows imported from 1 files in 0.899 seconds (0 skipped).

cqlsh:cs> select * from employeeess;

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
-------	---------------	-----------	---------	-------	----------	----------	--------

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

(0 rows)

cqlsh:cs> INSERT INTO employeeess

(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)

VALUES(1,72000,cse,22,stevens,december 17 1980,clerk,600);

SyntaxException: line 1:112 no viable alternative at input ',' (... ,salary) VALUES(1,72000,[cse],...)

cqlsh:cs> INSERT INTO employeeess

(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)

VALUES(1,72000,'cse',22,'stevens','december 17 1980','clerk',600);

InvalidRequest: Error from server: code=2200 [Invalid query] message="Unable to coerce 'december 17 1980' to a formatted date (long)"

cqlsh:cs> INSERT INTO employeeess

(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)

VALUES(1,72000,'cse',22,'stevens',december 17 1980,'clerk',600);

SyntaxException: line 1:137 no viable alternative at input '17' (...1,72000,'cse',22,'stevens',[december 17...)

cqlsh:cs> INSERT INTO employeeess

(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)

VALUES(1,72000,'cse',22,'stevens','december' 17 1980,'clerk',600);

SyntaxException: line 1:139 mismatched input '17' expecting ')' (...72000,'cse',22,'stevens','december'
[17] 1980...)

```
cqlsh:cs> INSERT INTO employeeess  
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)  
VALUES(1,72000,'cse',22,'stevens','december','clerk',600);
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Unable to coerce 'december' to
a formatted date (long)"

```
cqlsh:cs> INSERT INTO employeeess  
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)  
VALUES(1,72000,'cse',22,'stevens',1980-12-17,'clerk',600);
```

SyntaxException: line 1:132 mismatched input '-12' expecting ')' (...72000,'cse',22,'stevens',1980[-12]-
17...)

```
cqlsh:cs> INSERT INTO employeeess  
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)  
VALUES(1,72000,'cse',22,'stevens','1980-12-17','clerk',600);
```

```
cqlsh:cs> select * from employeeess;
```

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
-------	---------------	-----------	---------	-------	----------	----------	--------

1	72000	cse	22	stevens	1980-12-17	clerk	600
---	-------	-----	----	---------	------------	-------	-----

(1 rows)

```
cqlsh:cs> INSERT INTO employeeess  
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)  
VALUES(2,6000,'ece',42,'johns',1995-05-12,'manager',100);
```

SyntaxException: line 1:129 mismatched input '-05' expecting ')' (...6000,'ece',42,'johns',1995[-05]-12...)

```
cqlsh:cs> INSERT INTO employeeess  
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)  
VALUES(2,6000,'ece',42,'johns','1995-05-12','manager',100);
```

```
cqlsh:cs> INSERT INTO employeeess
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)
VALUES(3,68000,'mech',12,'smith','2000-06-14','clerk',500);
```

```
cqlsh:cs> select * from employeeess;
```

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
1	72000	cse	22	stevens	1980-12-17	clerk	600
2	6000	ece	42	johns	1995-05-12	manager	100
3	68000	mech	12	smith	2000-06-14	clerk	500

(3 rows)

```
cqlsh:cs> INSERT INTO employeeess
(empno,annual_salary,dept_name,dept_no,ename,hiredate,jobtitle,salary)
VALUES(4,88000,'eee',21,'james','1987-07-16','manager',500);
```

```
cqlsh:cs> select * from employeeess;
```

empno	annual_salary	dept_name	dept_no	ename	hiredate	jobtitle	salary
1	72000	cse	22	stevens	1980-12-17	clerk	600
2	6000	ece	42	johns	1995-05-12	manager	100
4	88000	eee	21	james	1987-07-16	manager	500
3	68000	mech	12	smith	2000-06-14	clerk	500

(4 rows)

```
cqlsh:cs> select * from employeeess;
```

empno | annual_salary | dept_name | dept_no | ename | hiredate | jobtitle | salary

```
-----+-----+-----+-----+-----+-----+-----+-----
1 |      72000 |    cse |    22 | stevens | 1980-12-17 | clerk |    600
2 |      6000 |    ece |    42 |  johns | 1995-05-12 | manager |   100
4 |     88000 |    eee |    21 |  james | 1987-07-16 | manager |   500
3 |     68000 |   mech |    12 |  smith | 2000-06-14 | clerk |   500
```

(4 rows)

```
cqlsh:cs> select * from employees WHERE jobtitle='clerk'
```

```
... select * from employees WHERE jobtitle='clerk';
```

SyntaxException: line 2:0 missing EOF at 'select' (...from employees WHERE jobtitle='clerk'[select] *...)

```
cqlsh:cs> select * from employees WHERE jobtitle='clerk';
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"

```
cqlsh:cs> select * from employees WHERE empno.jobtitle='clerk';
```

SyntaxException: line 1:36 no viable alternative at input '.' (select * from employees WHERE [empno]....)

```
cqlsh:cs> select * from employees WHERE jobtitle='clerk' ORDER BY empno.salary;
```

SyntaxException: line 1:62 missing EOF at '.' (... jobtitle='clerk' ORDER BY empno[.]salary...)

```
cqlsh:cs> select ename,salary from employees where jobtitle='clerk';
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"

```
cqlsh:cs> select ename,salary from employees where jobtitle='clerk'
```

```
... select ename,salary from employees where jobtitle='clerk';
```

SyntaxException: line 2:0 missing EOF at 'select' (...from employees where jobtitle='clerk'[select] ename...)

```
cqlsh:cs> select ename,salary from employeeess where jobtitle='clerk' ALLOW FILTERING;
```

ename	salary
-------	--------

-----+-----

stevens	600
---------	-----

smith	500
-------	-----

(2 rows)

```
cqlsh:cs> select ename,jobtitle,salary from employeeess where hiredate='1980-12-17' ALLOW FILTERING
```

```
... select ename,jobtitle,salary from employeeess where hiredate='1980-12-17' ALLOW FILTERING;
```

SyntaxException: line 2:0 missing EOF at 'select' (...where hiredate='1980-12-17' ALLOW
FILTERING[select] ename...)

```
cqlsh:cs> select ename,jobtitle,salary from employeeess where hiredate='1980-12-17' ALLOW FILTERING;
```

ename	jobtitle	salary
-------	----------	--------

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

stevens	clerk	600
---------	-------	-----

(1 rows)

```
cqlsh:cs> select ename,annual_salaries from employeeess;
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Undefined column name
annual_salaries"

```
cqlsh:cs> select ename,annual_salaries from employeeess ALLOW FILTERING;
```

InvalidRequest: Error from server: code=2200 [Invalid query] message="Undefined column name
annual_salaries"

```
cqlsh:cs> select ename,annual_salary from employeeess ALLOW FILTERING;
```

ename | annual_salary

-----+-----

stevens | 72000

johns | 6000

james | 88000

smith | 68000

(4 rows)

cqlsh:cs> select dept_name,dept_no from employeess where dept_no>=20 allow filtering;

dept_name | dept_no

-----+-----

cse | 22

ece | 42

eee | 21

(3 rows)

cqlsh:cs> select ename,salary from employees where salary = 500 and jobtitle='manager' allow filtering;

InvalidRequest: Error from server: code=2200 [Invalid query] message="unconfigured table employees"

cqlsh:cs> select ename,salary from employeess where salary = 500 and jobtitle='manager' allow filtering;

ename | salary

-----+-----

james | 500

(1 rows)

cqlsh:cs>