

Employees > Untitled project

## Project directory

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- Home
- Project summary
- Data dictionary

### PROJECT FILES

No project files...yet.

### CONNECTED DATASETS

✓ Employees (2)  
@jcontreras · View dataset

- Dataset summary
- dates.csv
- employees.csv

### QUERIES

No queries...yet.

### INSIGHTS

Untitled query

Untitled SQL query PRIVATE

New template

Save

Run query

```
1 SELECT min(employees.startdate), max(employees.startdate)
2 FROM employees
```

1 query result (0.37 seconds) View log

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	min	max
1	2006-01-28	2013-06-13

### DETAILS

### VERSIONS

### PROJECT SCHEMA

Filter the schema

#### jcontreras/Employees

##### dates

- datekey
- fuldatealteratekey
- daynumberofweek
- englishdaynameof week
- spanishdaynameof week
- frenchdaynameof week
- daynumberofmont h
- daynumberofyear

Type here to search



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12/5/2023

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PROJECT SCHEMA

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jcontreras/Employees

dates

datekey

fulldatealteratekey

daynumberofweek

englishdaynameofweek

spanishdaynameofweek

frenchdaynameofweek

daynumberofmonth

daynumberofyear

31 query results (0.4 seconds) View log

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	#	month	#	year	#	count
1		1		2006		1
2		8		2006		1
3		6		2007		1
4		7		2007		4
5		8		2007		5
6		9		2007		4
7		10		2007		3
		7		2008		62

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New template

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Run query

1 SELECT count(1) FROM employees

2 WHERE employees.startdate <= '2008-07-01'

3 AND (employees.enddate >= '2008-07-01' OR employees.enddate IS NULL)

1 query result (0.55 seconds) View log

Download

Open in app

#	count
1	21

DETAILS

VERSIONS

PROJECT SCHEMA

Filter the schema

jcontreras/Employees

dates

datekey

fulldatealterdatekey

Y

daynumberofweek

englishdaynameofweek

spanishdaynameofweek

frenchdaynameofweek

daynumberofmonth

h

daynumberofyear

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dates.csv

Untitled query



Untitled SQL query

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New template

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Run query

>

```
1 SELECT MIN(dates.datekey), max(dates.datekey)
2 from dates
```

1 query result (0.35 seconds) View log

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	min	max
1	2005-01-01	2014-12-31

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#### jcontreras/Employees

##### dates

datekey ⓘ

fulldatealterdatekey ⓘ

# daynumberofweek ⓘ

englishdaynameof week ⓘ

spanishdaynameof week ⓘ

frenchdaynameof week ⓘ

# daynumberofmont h ⓘ

# daynumberofyear ⓘ

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QUERIES

Untitled query

dates.csv

Untitled query

Untitled SQL query

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Run query

1 SELECT date\_trunc(dates.datekey, "month") as mt, count(1)

2 from employees cross join dates

3 where dates.datekey >= employees.startdate

4 and (dates.datekey <= employees.enddate

5 OR

6 employees.enddate is NULL

7 )

8 GROUP BY date\_trunc(dates.datekey, "month")

9 ORDER BY date\_trunc(dates.datekey, "month")

108 query results (0.62 seconds) View log

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	mt	# count
1	2006-01-01	4
2	2006-02-01	28

DETAILS

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jcontreras/Employees

dates

datekey

fuldatealtrateke

y

# daynumberofweek

englishdaynameof

week

spanishdaynameof

week

frenchdaynameofw

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Type here to search

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### QUERIES

Untitled query x dates.csv x Untitled query

Untitled SQL query PRIVATE

New template

Save

Run query

```
1 SELECT
2   dates.datekey,
3   DATE_TRUNC(dates.datekey, "month") month,
4   DATE_ADD(DATE_TRUNC(dates.datekey, "month"), 1, "month") next_month,
5   DATE_ADD(DATE_ADD(DATE_TRUNC(dates.datekey, "month"), 1, "month"), -1, "day") eomonth
6
7 from dates
8 limit 10;
9
```

10 query results (0.54 seconds) View log

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	datekey	month	next_month	eomonth
1	2005-01-01	2005-01-01	2005-02-01	2005-01-31
2	2005-01-08	2005-01-01	2005-02-01	2005-01-31

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jcontreras/Employees

dates

datekey

fulldatealternatekey

y

# daynumberofweek

englishdaynameofweek

week

spanishdaynameofweek

week

frenchdaynameofweek

week

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y

daynumberofweek

englishdaynameof

spanishdaynameof

frenchdaynameofw

eeek

120 query results (0.54 seconds)

View log

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	eomonth
1	2005-01-31
2	2005-02-28

data.world/jcontreras/employees | Workspace x SQL\_AnalyzingEmployeeDataProc x +

data.world/jcontreras/employees/workspace/query?filename=dates.csv&newQueryType=SQL&selectedTable=dates&templd=1701813229637

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QUERIES

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```
1 WITH 'd1' as (  
2 SELECT DISTINCT DATE_ADD(DATE_ADD(DATE_TRUNC(dates.datekey, "month"), 1, "month"), -1, "d  
3 from dates  
4 )  
5  
6 SELECT d1.eomonth, COUNT(1)  
7 from employees cross join 'd1' as d1  
8 WHERE d1.eomonth >= employees.startdate  
9 and (d1.eomonth <= employees.enddate  
10 OR
```

108 query results (0.46 seconds) View log Download Open in app

	eomonth	#	count
1	2006-01-31		1
2	2006-02-28		1

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- datekey
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- frenchdaynameofweek

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Workspace x SQL\_AnalyzingEmployeeDataProc x +

data.world/jcontreras/employees/workspace/query?filename=dates.csv&newQueryType=SQL&selectedTable=dates&templd=1701813229637

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Untitled SQL query PRIVATE

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```
4 )  
5  
6 SELECT d1.eomonth, COUNT(1)  
7 from employees cross join 'd1' as d1  
8 WHERE d1.eomonth >= employees.startdate  
9 and (d1.eomonth <= employees.enddate  
10 OR  
11 employees.enddate is NULL)  
12 GROUP BY d1.eomonth  
13 order BY d1.eomonth
```

108 query results (0.46 seconds) View log Download Open in app

	eomonth	#	count
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DETAILS

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Filter the schema

jcontreras/Employees

dates

- datekey
- fulldatealternatekey
- daynumberofweek
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