

Display all data in the employees table

The screenshot shows the Tableau interface with the 'employees' table selected. The query editor displays the SQL query: `SELECT * FROM employees`. The results pane shows 296 query results (0.7 seconds). The table has columns: #, employeekey, #, parentemployeekey, #, employeeationalidalternatekey. The right sidebar shows the 'PROJECT SCHEMA' with the 'employees' table expanded, listing columns like fulldatealternamekey, #, daynumberofweek, englishdaynameof week, spanishdaynameof week, frenchdaynameof week, and #, daynumberofmont h.

#	employeekey	#	parentemployeekey	#	employeeationalidalternatekey
1	1	18		14417	
2	2	7		253022	
3	3	14		509647	
4	8	112		24756	
5	9	23		309738	
6	10	189		690627	
7	11	3		695256	

Display all employees with parentemployeekey 7

The screenshot shows the Tableau interface with the 'employees' table selected. The query editor displays the SQL query: `SELECT * FROM employees where parentemployeekey='7'`. The results pane shows 8 query results (0.5 seconds). The table has columns: #, employeekey, #, parentemployeekey, #, employeeationalidalternatekey, and #, daynumberofweek. The right sidebar shows the 'PROJECT SCHEMA' with the 'employees' table expanded, listing columns like fulldatealternamekey, #, daynumberofweek, englishdaynameof week, spanishdaynameof week, frenchdaynameof week, and #, daynumberofmont h.

#	employeekey	#	parentemployeekey	#	employeeationalidalternatekey	#	daynumberofweek
1	2	7		253022876		NULL	
2	48	7		95958330		NULL	
3	109	7		767955365		NULL	
4	122	7		72636981		NULL	
5	207	7		243322160		NULL	
6	273	7		323403273		NULL	
7	275	7		222969461		NULL	

Display minimum and maximum startdates of employees

The screenshot shows the Data.world interface for a project named 'employees'. The SQL query editor contains the following query:

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

The query results show 1 query result (0.59 seconds) with the following data:

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

The right sidebar shows the 'PROJECT SCHEMA' for 'abinaya1702/employees', listing various date-related fields like 'fulldatealteratekey', 'daynumberofweek', 'englishdaynameofweek', 'spanishdaynameofweek', 'frenchdaynameofweek', and 'daynumberofmonth'.

Active from a particular date

The screenshot shows the Data.world interface for the same 'employees' project. The SQL query editor contains the following query:

```
1 SELECT * FROM employees where employees.startdate >= '2008-07-01'
2 and employees.enddate is NULL
```

The query results show 273 query results (0.87 seconds) with the following data:

#	employeekey	#	parentemployeekey	#	employeeationalalteratekey
1	5	3	112457		
2	8	112	24756		
3	22	177	443968		
4	23	112	277173		
5	24	201	835466		
6	25	201	687685		
7	26	188	498138		

The right sidebar shows the 'PROJECT SCHEMA' for 'abinaya1702/employees', listing various date-related fields like 'datekey', 'fulldatealteratekey', 'daynumberofweek', 'englishdaynameofweek', 'spanishdaynameofweek', 'frenchdaynameofweek', and 'daynumberofmonth'.

To display lastname of employees active on a particular date

The screenshot shows the Data.world interface for a project named 'employees'. The SQL query editor displays the following query:

```
1 select lastname from employees where employees.startdate >= '2008-07-01' and
2 employees.enddate is NULL
3
```

The query results show 273 results in 0.67 seconds. The results table has a single column 'lastname' with the following values:

lastname
Walters
Bradley
Selikoff
Krebs
Munson
Alderson
Johnson

The interface also shows the 'PROJECT SCHEMA' on the right, listing various date-related fields like 'datekey', 'fulldatealternatekey', etc.

Count of active on a date

The screenshot shows the Data.world interface for the same 'employees' project. The SQL query editor displays the following query:

```
1 select count(1) from employees
2 where employees.startdate >= '2008-07-01'
3 and (employees.enddate <= '2008-07-01'
4 OR
5 employees.enddate is NULL)
```

The query results show 1 result in 0.6 seconds. The results table has two columns: '#', 'count', with the following values:

#	count
1	273

The interface also shows the 'PROJECT SCHEMA' on the right, listing various date-related fields like 'datekey', 'fulldatealternatekey', etc.

Display last names of all male employees in marketing department

The screenshot shows the Data.world interface with a project named 'employees'. The SQL query editor contains the following code:

```
1 select lastname from employees where departmentname = 'Marketing'
2 AND gender = 'M'
3
```

The query results are displayed in a table with 6 rows:

lastname
Brown
Bradley
Bradley
Harnpadounsataya
Eminhizer
Wood

The interface also shows a sidebar with project files, connected datasets (employees, dates.csv, employees.csv), and a project schema on the right.

Display the lastname and hiredate of all female employees in ascending order

The screenshot shows the Data.world interface with a project named 'employees'. The SQL query editor contains the following code:

```
1 select lastname, hiredate from employees where gender = 'F'
2 order by hiredate ASC
3
```

The query results are displayed in a table with 7 rows:

lastname	hiredate
Dobney	2007-07-26
Ellerbrock	2007-08-06
Erickson	2007-08-06
Duffy	2007-08-31
Brown	2007-09-27
Hartwig	2007-10-09
Glimp	2007-10-27

The interface also shows a sidebar with project files, connected datasets (employees, dates.csv, employees.csv), and a project schema on the right.

Dates Table

Display all rows where daynumberofweek is greater than 3

employees > Untitled project

Untitled SQL query

```
1 SELECT * FROM dates where daynumberofweek >= 3
```

2,608 query results (0.93 seconds)

	datekey	fulldatealternamekey	#	daynumberofweek	englishdaynameofweek
1	2005-01-01	2005-01-01		7	Saturday
2	2005-01-04	2005-01-04		3	Tuesday
3	2005-01-05	2005-01-05		4	Wednesday
4	2005-01-06	2005-01-06		5	Thursday
5	2005-01-07	2005-01-07		6	Friday
6	2005-01-08	2005-01-08		7	Saturday
7	2005-01-11	2005-01-11		3	Tuesday

PROJECT SCHEMA

abinaya1702/employees

- dates
 - datekey
 - fulldatealternamekey
 - #
 - daynumberofweek
 - englishdaynameofweek
 - spanishdaynameofweek
 - frenchdaynameofweek
 - daynumberofmonth

Display only datekey and spanishdaynameofweek where daynumberofweek is greater than 3

employees > Untitled project

Untitled SQL query

```
1 SELECT datekey, spanishdaynameofweek FROM dates where daynumberofweek >= 3
```

2,608 query results (0.66 seconds)

	datekey	spanishdaynameofweek
1	2005-01-01	Sábado
2	2005-01-04	Martes
3	2005-01-05	Miércoles
4	2005-01-06	Jueves
5	2005-01-07	Viernes
6	2005-01-08	Sábado
7	2005-01-11	Martes

PROJECT SCHEMA

abinaya1702/employees

- dates
 - datekey
 - fulldatealternamekey
 - #
 - daynumberofweek
 - englishdaynameofweek
 - spanishdaynameofweek
 - frenchdaynameofweek
 - daynumberofmonth

Display min and max datekeys

The screenshot shows the Data.world interface for a project named 'employees'. The SQL query editor contains the following query:

```
1 select min(dates.datekey), max(dates.datekey) from dates
2
```

The query results are displayed in a table with 1 row and 2 columns:

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

The right sidebar shows the 'PROJECT SCHEMA' for 'abinaya1702/employees', listing fields like 'datekey', 'fulldatealternamekey', etc.

Using cross join for dates and employees table

The screenshot shows the Data.world interface for the same project. The SQL query editor contains the following query:

```
1 select dates.datekey, employees.startdate, employees.enddate, count(1)
2 from employees cross join dates
3 where dates.datekey between employees.startdate and employees.enddate
4 group by dates.datekey, employees.startdate, employees.enddate
5 order by dates.datekey ASC
```

The query results are displayed in a table with 7 rows and 5 columns:

	datekey	startdate	enddate	#	count
1	2007-07-05	2007-07-05	2009-12-28		1
2	2007-07-06	2007-07-05	2009-12-28		1
3	2007-07-07	2007-07-05	2009-12-28		1
4	2007-07-08	2007-07-05	2009-12-28		1
5	2007-07-09	2007-07-05	2009-12-28		1
6	2007-07-10	2007-07-05	2009-12-28		1
7	2007-07-11	2007-07-05	2009-12-28		1

The right sidebar shows the 'PROJECT SCHEMA' for 'abinaya1702/employees', listing fields like 'datekey', 'fulldatealternamekey', etc.