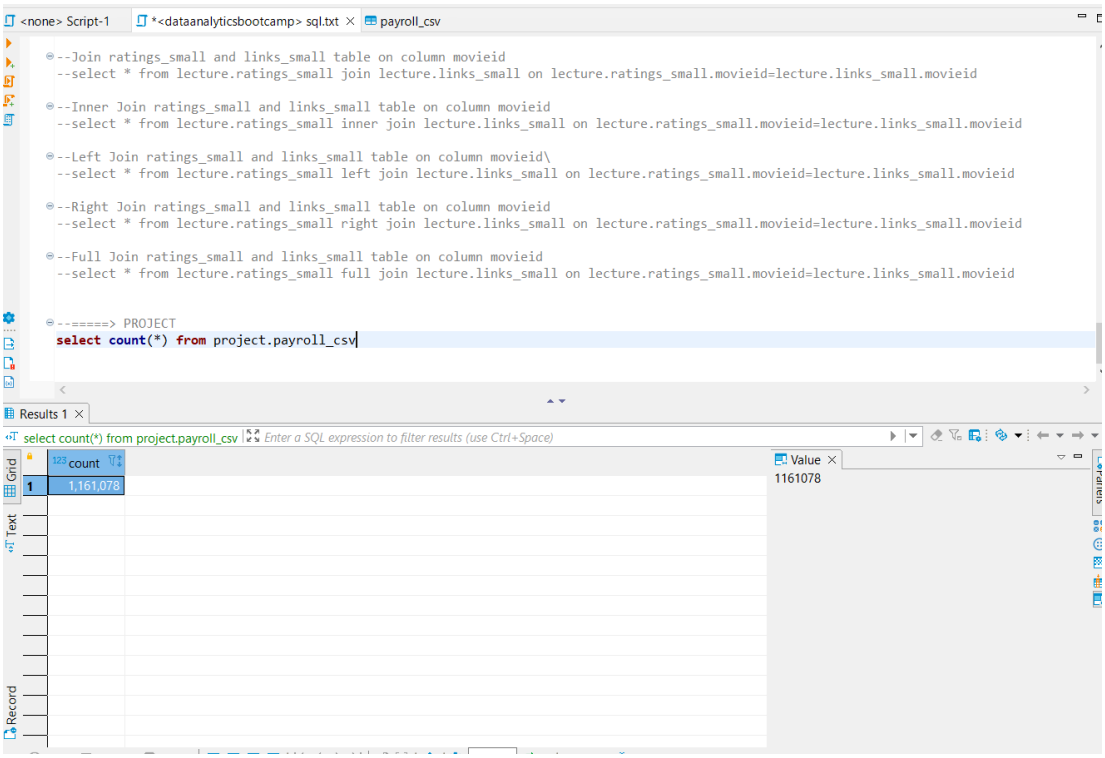
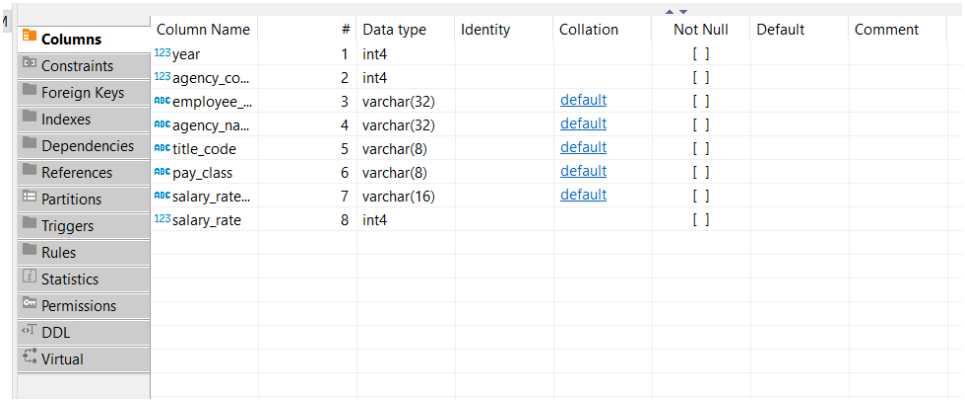
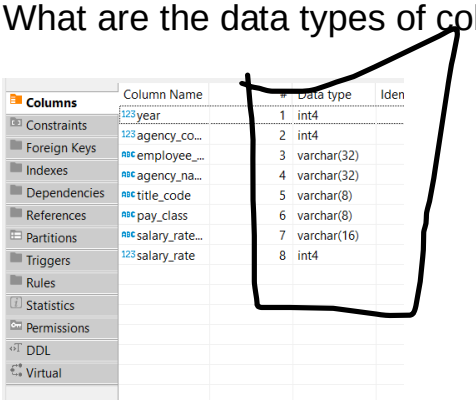
1. Find the number of rows in the table?



2. What are the columns that are there in the table?

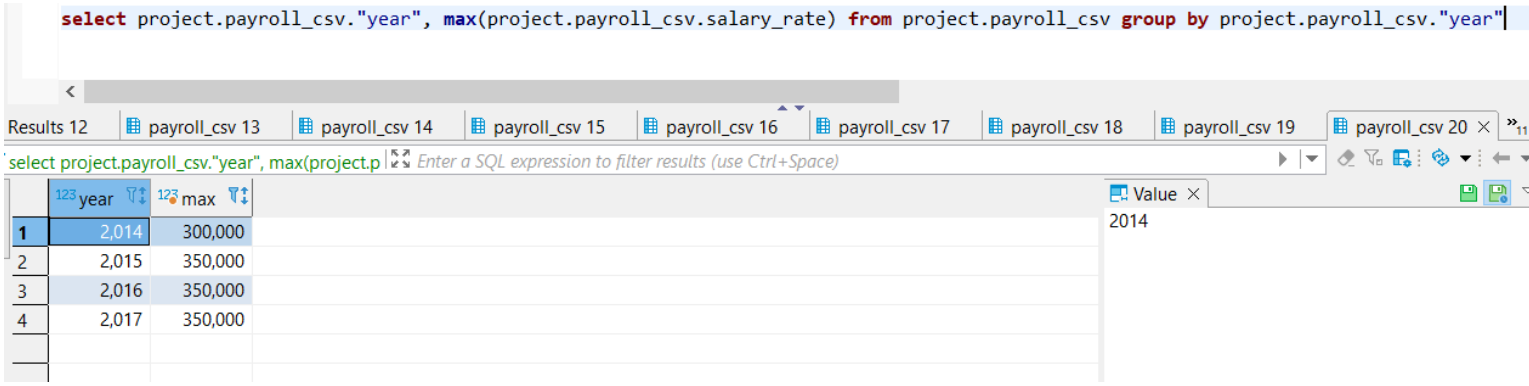


3. What are the data types of columns in the table?



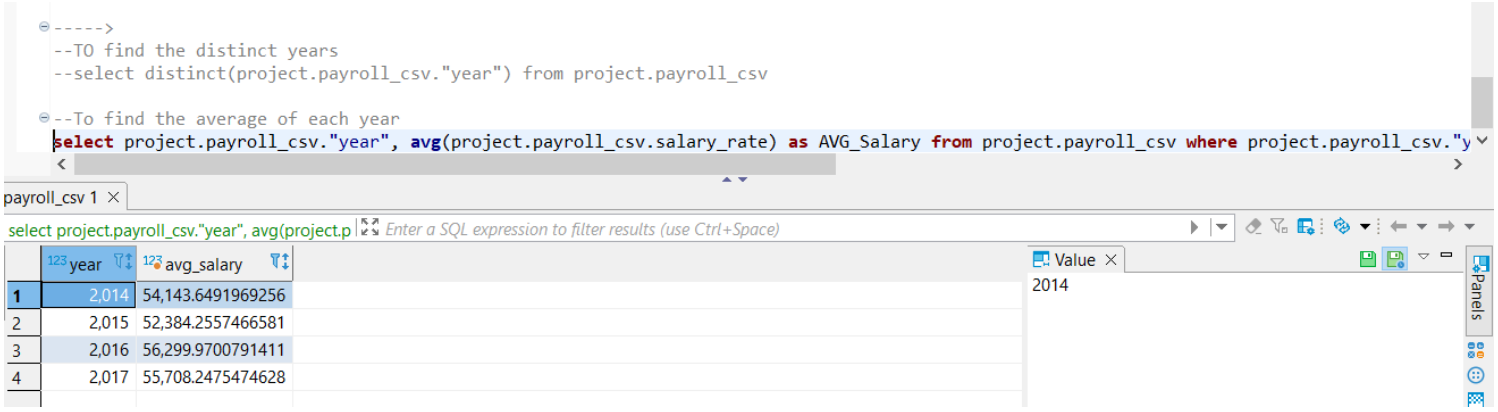
4. Find the employee that got paid the highest in each of the calendar year?(i.e.. 2014,2015 and so on)

```
select project.payroll_csv."year", max(project.payroll_csv.salary_rate) from project.payroll_csv group by project.payroll_csv."year"
```



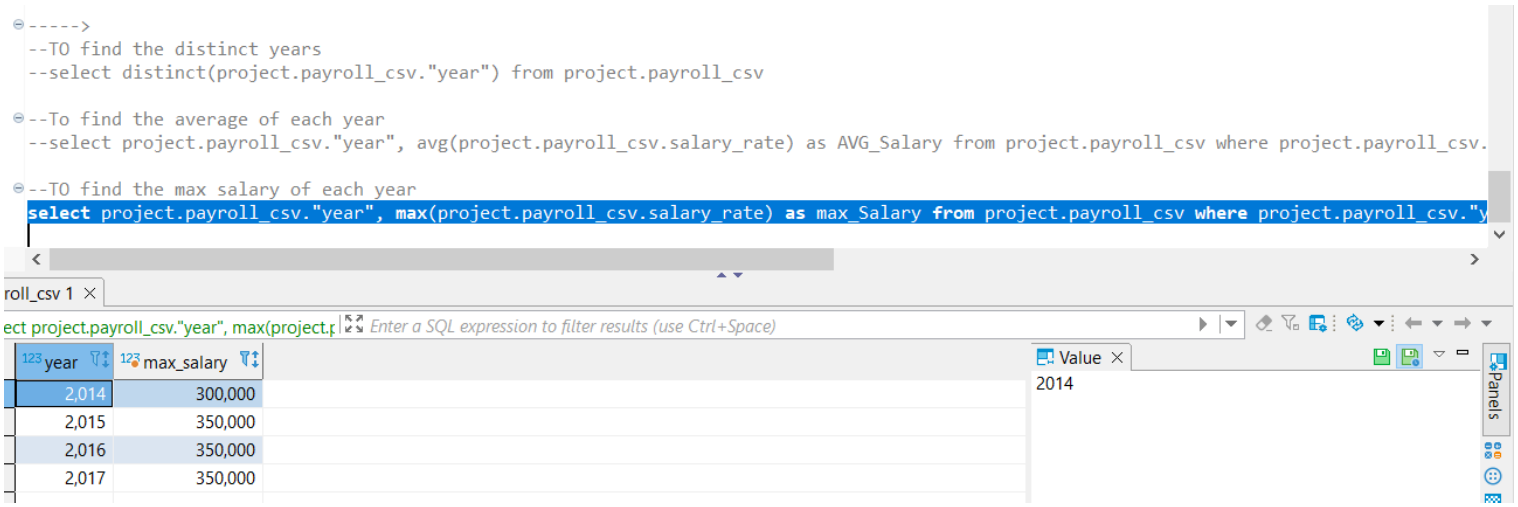
5. What is the average salary rate in each calendar year?

```
select project.payroll_csv."year", avg(project.payroll_csv.salary_rate) as AVG_Salary from
project.payroll_csv where project.payroll_csv."year" in(2014,2015,2016,2017) group by
project.payroll_csv."year"
```

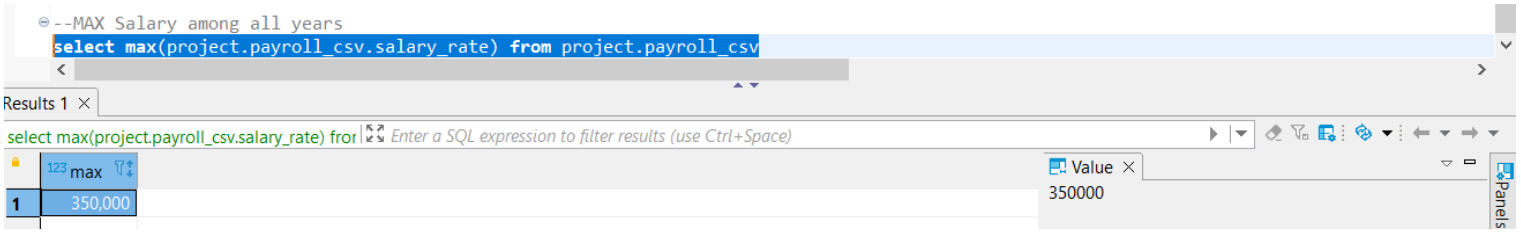


6. What is the max salary rate in each calendar year?(i.e.. 2014, 2015 and so on)

```
select project.payroll_csv."year", max(project.payroll_csv.salary_rate) as max_Salary from
project.payroll_csv where project.payroll_csv."year" in(2014,2015,2016,2017) group by
project.payroll_csv."year"
```

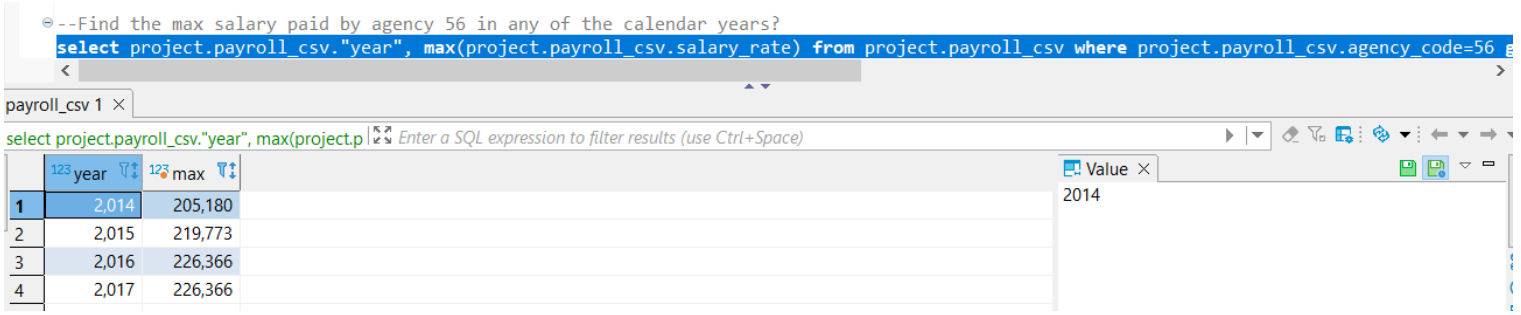


7. What is the max salary rate among all calendar years?



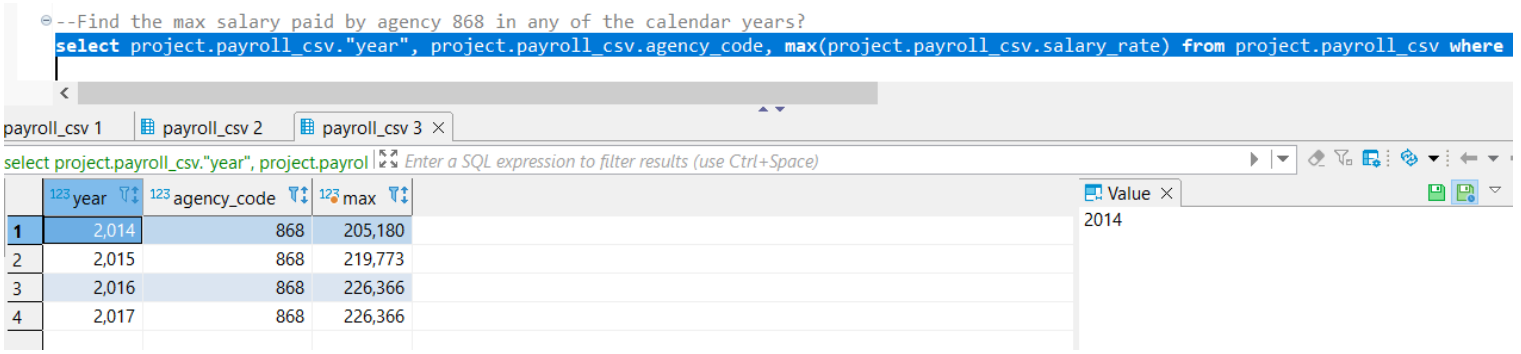
8. Find the max salary paid by agency 56 in any of the calendar years?

```
select project.payroll_csv."year", max(project.payroll_csv.salary_rate) from project.payroll_csv where
project.payroll_csv.agency_code=56 group by project.payroll_csv."year"
```



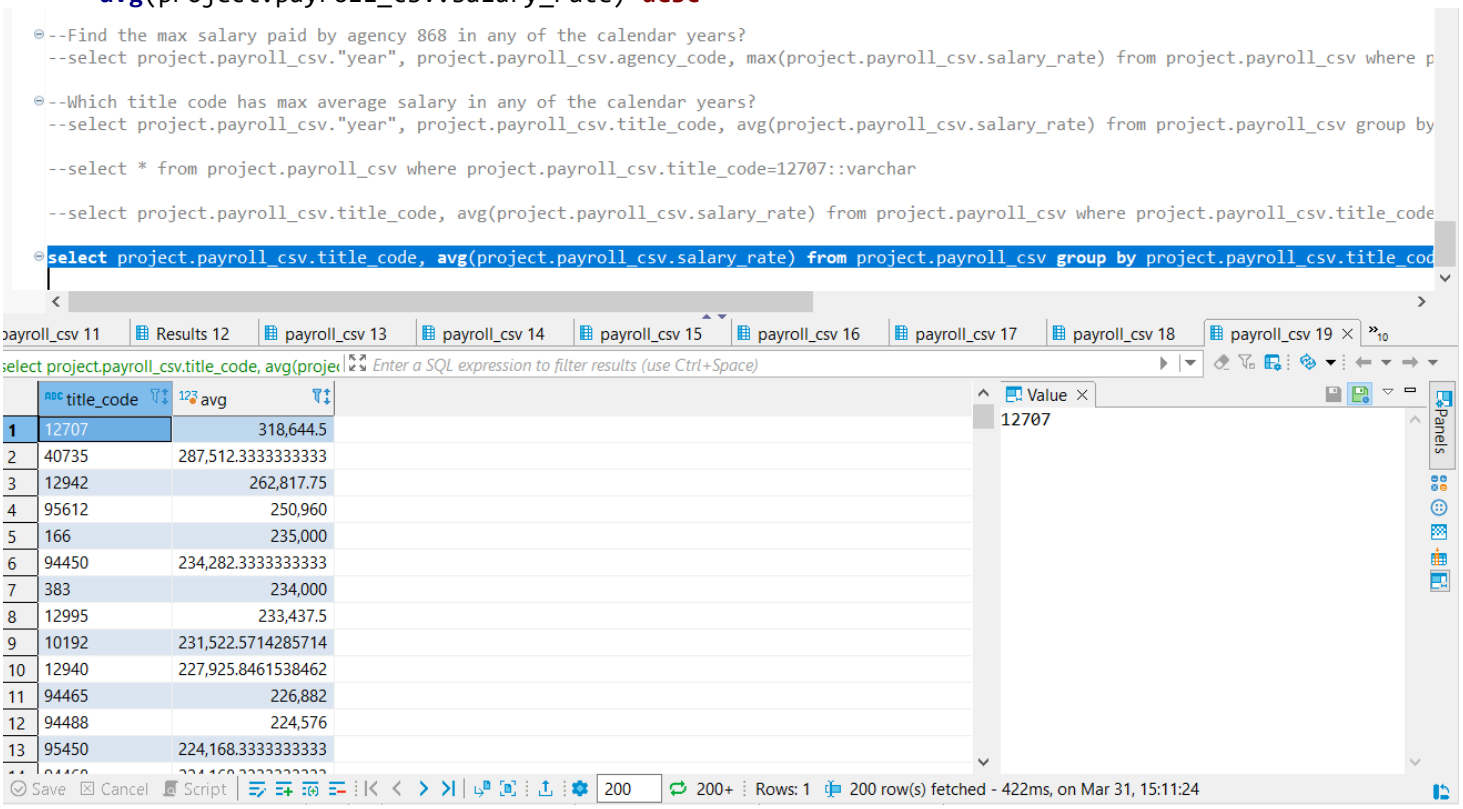
9. Find the max salary paid by agency 868 in any of the calendar years?

```
select project.payroll_csv."year", project.payroll_csv.agency_code,
max(project.payroll_csv.salary_rate) from project.payroll_csv where
project.payroll_csv.agency_code=868 group by project.payroll_csv."year",
project.payroll_csv.agency_code
```



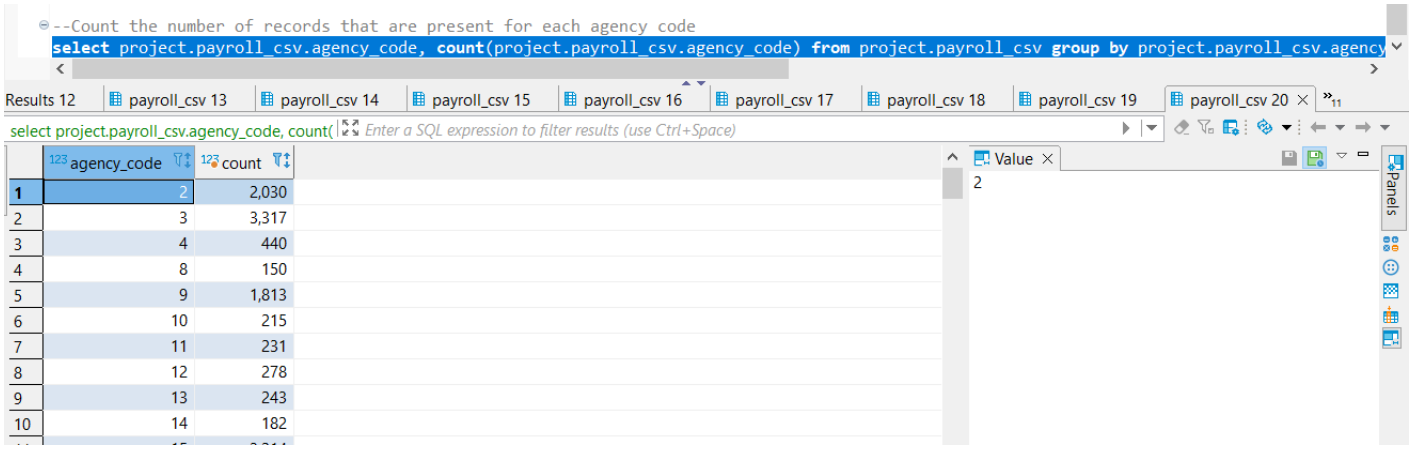
10. Which title code has max average salary in any of the calendar years?

```
select project.payroll_csv.title_code, avg(project.payroll_csv.salary_rate) from
project.payroll_csv group by project.payroll_csv.title_code order by
avg(project.payroll_csv.salary_rate) desc
```



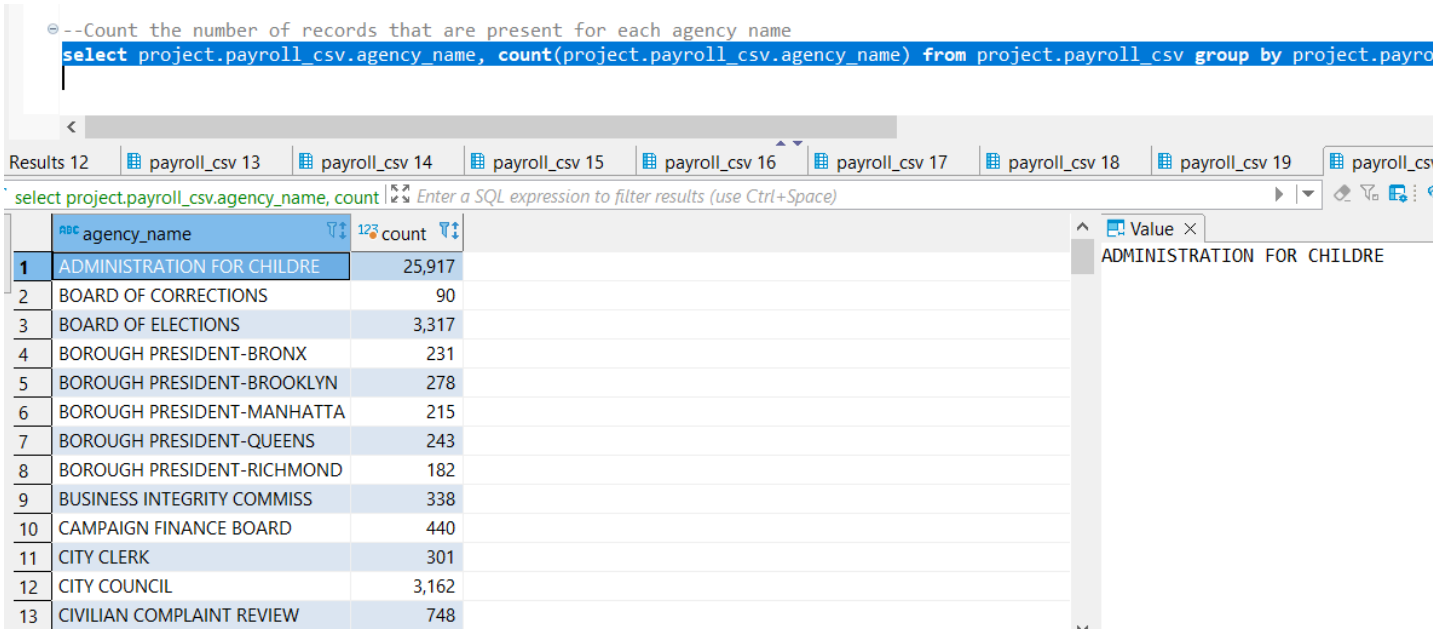
11. Count the number of records that are present for each agency code

```
select project.payroll_csv.agency_code, count(project.payroll_csv.agency_code) from
project.payroll_csv group by project.payroll_csv.agency_code
```



12. Count the number of records that are present for each agency name

```
select project.payroll_csv.agency_name, count(project.payroll_csv.agency_name) from
project.payroll_csv group by project.payroll_csv.agency_name
```



```
--Count the number of records that are present for each agency name
select project.payroll_csv.agency_name, count(project.payroll_csv.agency_name) from project.payroll_csv group by project.payro
```

Results 12 | payroll_csv 13 | payroll_csv 14 | payroll_csv 15 | payroll_csv 16 | payroll_csv 17 | payroll_csv 18 | payroll_csv 19 | payroll_csv

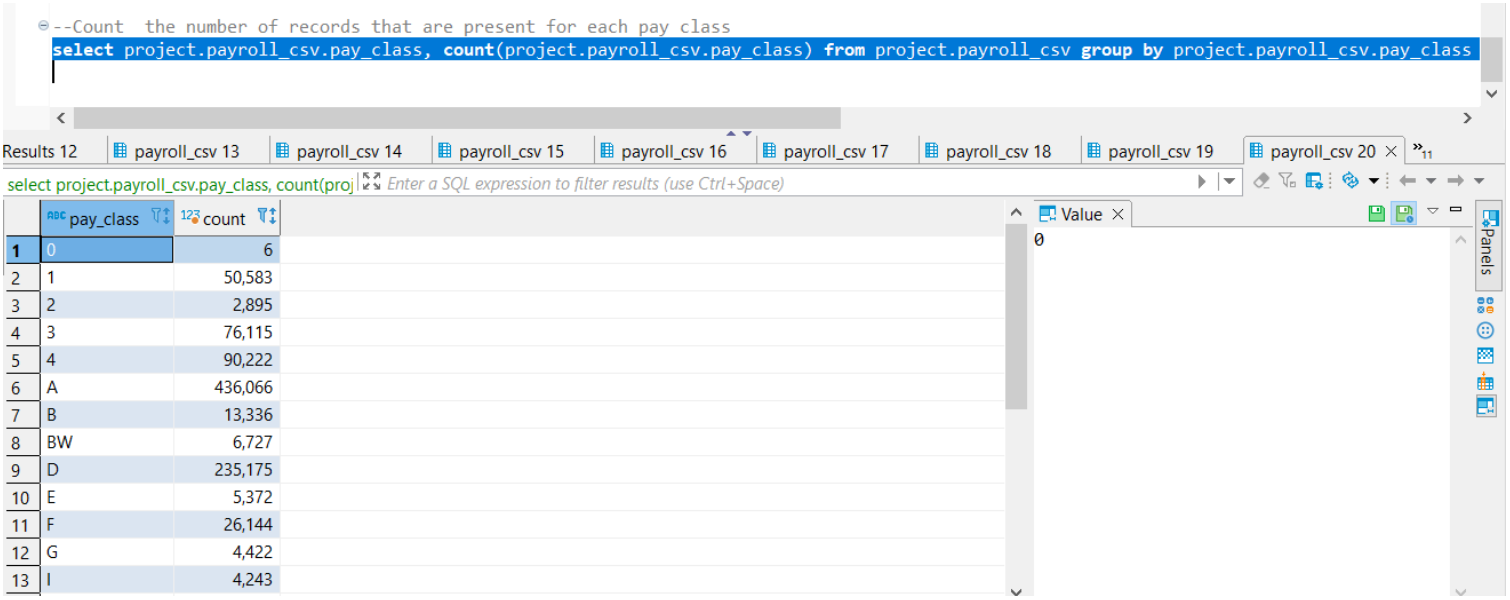
select project.payroll_csv.agency_name, count — Enter a SQL expression to filter results (use Ctrl+Space)

	agency_name	count
1	ADMINISTRATION FOR CHILDRE	25,917
2	BOARD OF CORRECTIONS	90
3	BOARD OF ELECTIONS	3,317
4	BOROUGH PRESIDENT-BRONX	231
5	BOROUGH PRESIDENT-BROOKLYN	278
6	BOROUGH PRESIDENT-MANHATTA	215
7	BOROUGH PRESIDENT-QUEENS	243
8	BOROUGH PRESIDENT-RICHMOND	182
9	BUSINESS INTEGRITY COMMISS	338
10	CAMPAIGN FINANCE BOARD	440
11	CITY CLERK	301
12	CITY COUNCIL	3,162
13	CIVILIAN COMPLAINT REVIEW	748

Value
ADMINISTRATION FOR CHILDRE

13. Count the number of records that are present for each pay class

```
select project.payroll_csv.pay_class, count(project.payroll_csv.pay_class) from project.payroll_csv
group by project.payroll_csv.pay_class
```



```
--Count the number of records that are present for each pay class
select project.payroll_csv.pay_class, count(project.payroll_csv.pay_class) from project.payroll_csv group by project.payroll_csv.pay_class
```

Results 12 | payroll_csv 13 | payroll_csv 14 | payroll_csv 15 | payroll_csv 16 | payroll_csv 17 | payroll_csv 18 | payroll_csv 19 | payroll_csv 20

select project.payroll_csv.pay_class, count(proj — Enter a SQL expression to filter results (use Ctrl+Space)

	pay_class	count
1	0	6
2	1	50,583
3	2	2,895
4	3	76,115
5	4	90,222
6	A	436,066
7	B	13,336
8	BW	6,727
9	D	235,175
10	E	5,372
11	F	26,144
12	G	4,422
13	I	4,243

Value
0

Panels