

QUERYS CON POSTGRESQL

The screenshot displays the pgAdmin 4 web interface. On the left, the 'Browsers' pane shows a tree structure of the database. The 'salary' table is selected under the 'public' schema. The main pane shows the 'Query' editor with the following SQL:

```
1 #Muestra la cantidad de filas
2 select count(*) as "Count"
3 from salary
4
```

Below the query editor, the 'Data Output' pane shows the results of the query:

Count
4338

The status bar at the bottom indicates 'Total rows: 1 of 1' and 'Query complete 00:00:00.069'.

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Query Query History

```
1 #Muestra la cantidad de filas
2 select count(*) as "Count"
3 from salary
4
```

Data Output Messages Notifications

	Count bigint
1	4338

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Query Query History

```
8
9 #Muestra el salario promedio total
10 select avg("Salary") as "Average_Salary"
11 from salary
12
```

Data Output Messages Notifications

	Average_Salary numeric
1	13645.310394190871

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Query Query History

```
12
13 #Muestra los salarios promedio por ubicación
14 select avg("Salary") as "Average_salary", "Ubication"
15 from salary
16 group by "Ubication"
```

Data Output Messages Notifications

	Average_salary numeric	Ubication text
1	14409.871938131313	Bangalore
2	14897.808277982780	Pune
3	14778.783647234679	Hyderabad
4	12584.088152350081	Mumbai
5	10083.683297709924	New Delhi

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Query Query History

```
17
18 #Muestra los salarios promedio por tipo de trabajo
19 select avg("Salary") as "Average_salary" , "Job"
20 from salary
21 group by ("Job")
22
```

Data Output Messages Notifications

	Average_salary numeric	Job text
1	15945.404539800995	Data Engineer
2	16937.839084398977	Data Scientist
3	9914.2632432432432432	Machine Learning
4	7487.8743566362715299	Data Analyst

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Query Query History

```
22
23 #Muestra los salarios promedio por tamaño de empresa
24 select avg("Salary") as "Average_Salary" , "Size_Company"
25 from salary
26 group by ("Size_Company")
27 order by "Average_Salary" desc
28
```

Data Output Messages Notifications

	Average_Salary numeric	Size_Company text
1	22007.262288732394	Big Company
2	19286.160814094775	Small Company
3	14642.262821782178	Medium Company
4	11262.148088478046	Micro Company

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Query Query History

```

28
29
30 #Muestra los tamaños de empresas
31 select count(distinct("Size_Company")), "Size_Company"
32 from salary
33 group by "Size_Company"
34

```

Data Output Messages Notifications

	count bigint	Size_Company text
1	1	Big Company
2	1	Medium Company
3	1	Micro Company
4	1	Small Company

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Query Query History

```

42 #Muestra cantidad de tipo de trabajo según tamaño de empresa
43 select "Size_Company", count("Job") as "Count", "Job"
44 from salary
45 group by ("Size_Company", "Job")
46 order by "Count" desc
47

```

Data Output Messages Notifications

	Size_Company text	Count bigint	Job text
1	Micro Company	1409	Data Scientist
2	Micro Company	638	Data Analyst
3	Micro Company	532	Data Engineer
4	Micro Company	450	Machine Learning
5	Small Company	359	Data Scientist
6	Small Company	222	Data Analyst
7	Small Company	171	Data Engineer
8	Big Company	103	Data Scientist
9	Medium Company	84	Data Scientist
10	Small Company	71	Machine Learning
11	Big Company	69	Data Analyst
12	Big Company	65	Data Engineer
13	Medium Company	58	Data Analyst
14	Big Company	47	Machine Learning
15	Medium Company	36	Data Engineer
16	Medium Company	24	Machine Learning

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No limit

Query Query History

48

49 #Muestra cantidad de tipo de trabajo según Ubicación

50 **select** "Ubication", **count**("Job") **as** "Count", "Job"

51 **from** salary

52 **group by** ("Ubication", "Job")

53 **order by** "Count" **desc**

54

Data Output Messages Notifications

	Ubication text	Count bigint	Job text
1	Bangalore	985	Data Scientist
2	Pune	382	Data Scientist
3	Bangalore	200	Data Analyst
4	Bangalore	200	Machine Learning
5	Bangalore	199	Data Engineer
6	New Delhi	199	Data Analyst
7	Hyderabad	198	Data Scientist
8	Pune	198	Data Analyst
9	Mumbai	196	Data Analyst
10	Mumbai	195	Data Scientist
11	New Delhi	195	Data Scientist
12	Hyderabad	194	Data Analyst
13	New Delhi	163	Data Engineer
14	Hyderabad	162	Data Engineer
15	Pune	153	Data Engineer
16	Mumbai	127	Data Engineer
17	Hyderabad	115	Machine Learning
18	Mumbai	99	Machine Learning
19	New Delhi	98	Machine Learning
20	Pune	80	Machine Learning

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Query Query History

```

63
64 #Muestra cantidad de tipo de trabajo según Ubicación con salario promedio
65 select "Ubication", count("Job") as "Count", "Job", round(avg("Salary"),2) as "Average_salary"
66 from salary
67 group by ("Ubication", "Job")
68 order by "Count" desc
69
70

```

Data Output Messages Notifications

	Ubication text	Count bigint	Job text	Average_salary numeric
1	Bangalore	985	Data Scientist	17056.98
2	Pune	382	Data Scientist	18924.53
3	Bangalore	200	Data Analyst	7782.81
4	Bangalore	200	Machine Learning	10720.75
5	Bangalore	199	Data Engineer	11675.39
6	New Delhi	199	Data Analyst	6854.74
7	Hyderabad	198	Data Scientist	12169.52
8	Pune	198	Data Analyst	6628.81
9	Mumbai	196	Data Analyst	6284.17
10	Mumbai	195	Data Scientist	21524.75
11	New Delhi	195	Data Scientist	12698.94
12	Hyderabad	194	Data Analyst	9926.15
13	New Delhi	163	Data Engineer	11557.18
14	Hyderabad	162	Data Engineer	26781.65
15	Pune	153	Data Engineer	18526.41
16	Mumbai	127	Data Engineer	11336.34
17	Hyderabad	115	Machine Learning	10549.06
18	Mumbai	99	Machine Learning	9046.90
19	New Delhi	98	Machine Learning	8985.77
20	Pune	80	Machine Learning	9196.28