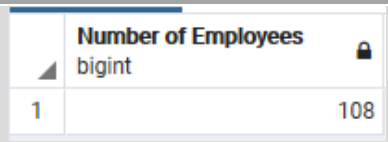
AGGREGATION FUNCTIONS

Function	Use Case	SQL Script	Screenshot
COUNT	Count the Number of employees	SELECT COUNT (employee_id) "Number of Employees" FROM "Agujar-HR".employees	
SUM	Sum of the total salary of IT Program	SELECT SUM (salary) "Total Salary of IT" FROM "Agujar-HR".employees WHERE job_id='IT_PROG'	
AVERAGE	Average Employee Salary in the Department of Shipping	SELECT AVG (salary) "Average Employee Salary in Shipping Department" FROM "Agujar-HR".employees WHERE department_id='50';	
MIN	Employee Minimum Salary in Accountant Department	SELECT MIN (last_name) FROM "Agujar-HR".employees WHERE job_id='FI_ACCOUNT'	
MAX	Employee Maximum Salary in Accountant Department	SELECT MAX (last_name) FROM "Agujar-HR".employees WHERE job_id='FI_ACCOUNT'	

GROUP BY	Number of Employees in each Department	SELECT (job_id) "Job" , COUNT (*) "Employee" FROM "Agujar-HR".employees GROUP BY job_id;	**Data Output** Job character varying (10) / Employee bigint 1 SH_CLERK 20 2 AD_VP 2 3 SA_MAN 5 4 PU_MAN 1 5 IT_PROG 6 6 ST_CLERK 20 7 FI_MGR 1 8 PU_CLERK 5 9 HR_REP 1 10 ST_MAN 5 11 MK_MAN 1 12 AC_MGR 1 13 SA_REP 30 14 AD_ASST 1 15 PR_REP 1 16 MK_REP 1 17 AD_PRES 1 18 FI_ACCOUNT 5 19 AC_ACCOUNT 1
Distinct	Distinct total Salary of an unknown employee.	SELECT SUM(distinct salary) "Total Salary" FROM "Agujar-HR".employees	Total Salary numeric 1 412900.00