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Create database

Table->New query

Is a nested query /query in a query

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Today's Topic: Subqueries (in the Select, From, and Where Statement)

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Select EmployeeID, JobTitle, Salary

From EmployeeSalary

-- Subquery in Select

Select EmployeeID, Salary, (Select AVG(Salary) From EmployeeSalary) as AllAvgSalary

From EmployeeSalary

-- How to do it with Partition By

Select EmployeeID, Salary, AVG(Salary) over () as AllAvgSalary

From EmployeeSalary

-- Why Group By doesn't work

Select EmployeeID, Salary, AVG(Salary) as AllAvgSalary

From EmployeeSalary

Group By EmployeeID, Salary

order by EmployeeID

-- Subquery in From

Select a.EmployeeID, AllAvgSalary

From

(Select EmployeeID, Salary, AVG(Salary) over () as AllAvgSalary

From EmployeeSalary) a

Order by a.EmployeeID

-- Subquery in Where

Select EmployeeID, JobTitle, Salary

From EmployeeSalary

where EmployeeID in (

Select EmployeeID

From EmployeeDemographics

where Age > 30)

* execute