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DataBase Management

Dr Rivas

Lab 6

7.What is the difference between a Left Outer Join and a Right Outer Join.

Give example queries in SQL to demonstrate. (Feel free to use the Cap2 database to make your points here.)

***Left outer Join*** – “It creates a set that can be saved as a table or used as it is. A **JOIN** is a means for combining fields from two tables (or more) by using values common to each. ANSI-standard **SQL** specifies five types of **JOIN**: INNER , **LEFT OUTER** , RIGHT **OUTER**  [(google.com)](https://www.google.com/webhp?sourceid=chrome-instant&ion=1&espv=2&es_th=1&ie=UTF-8#q=left+outer+join+in+sql+definition)

***Right outer Join***- “It then applies the criteria in the ON or USING clause to find the matching rows to be returned. Because you asked for an **OUTER JOIN**, your database system also returns the unmatched rows from either the "left" or "**right**" table “ [(google.com)](https://www.google.com/webhp?sourceid=chrome-instant&ion=1&espv=2&es_th=1&ie=UTF-8#q=right+outer+joins+in+sql)

This would be a good search to use when you wanted to take the id of an agent and see how many orders they have put out, but also how many request they have put in for a certain type of product.