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SQL-Powered Excel

Month/Year



From SUM() and SUMIF() to Aggregation

Demo: aggregation-demo.xlsx



Demo: aggregation-demo.sql



Drills

Using the Teams table:

1. Select the maximum and minimum number of runs.
2. Select the total number of home runs between 2000 and 2010: `total_homers`.
3. Count records where games played is NULL.
4. Count records with a recorded attendance.
5. Return a list of all years included in the table
6. Count the number of unique franchises since 1915.



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Solutions: `aggregation-drills.sql`



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Questions?



From PivotTables to GROUP BY

Demo: group-by-demo.xlsx



Demo: group-by-demo.sql



Drills

Using the `Teams` table:

1. Return the largest attendance for each team, sorted high to low.
2. Find the average number of home runs for each season, keeping only years with an average of 150 home runs or more.



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