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SQL Cheat Sheet: Basics



Command	Syntax	Description	Example
SELECT	<code>SELECT column1, column2, ... FROM table_name;</code>	<code>SELECT</code> statement is used to fetch data from a database.	<code>SELECT city FROM placeofinterest;</code>
WHERE	<code>SELECT column1, column2, ...FROM table_name WHERE condition;</code>	<code>WHERE</code> clause is used to extract only those records that fulfill a specified condition.	<code>SELECT * FROM placeofinterest WHERE city == 'Rome';</code>
COUNT	<code>SELECT COUNT * FROM table_name ;</code>	<code>COUNT</code> is a function that takes the name of a column as argument and counts the number of rows when the column is not NULL.	<code>SELECT COUNT(country) FROM placeofinterest WHERE country='Canada';</code>
DISTINCT	<code>SELECT DISTINCT columnname FROM table_name;</code>	<code>DISTINCT</code> function is used to specify that the statement is a query which returns unique values in specified columns.	<code>SELECT DISTINCT country FROM placeofinterest WHERE type='historical';</code>
LIMIT	<code>SELECT * FROM table_name LIMIT number;</code>	<code>LIMIT</code> is a clause to specify the maximum number of rows the result set must have.	<code>SELECT * FROM placeofinterest WHERE airport="nagpur" LIMIT 5;</code>