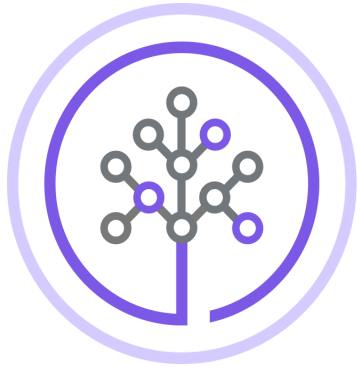


SQL Cheat Sheet: Intermediate - LIKE, ORDER BY, GROUP BY



Skills
Network

| Command | Syntax | Description | Example |
|----------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| LIKE | SELECT column1, column2, ... FROM table_name WHERE columnN LIKE pattern; | LIKE operator is used in a WHERE clause to search for a specified pattern in a column. There are two wildcards often used in conjunction with the LIKE operator which are percent sign(%) and underscore sign (_). | SELECT f_name , l_name FROM employees WHERE address LIKE '%Elgin,IL%'; |
| BETWEEN | SELECT column_name(s) FROM table_name WHERE column_name BETWEEN value1 AND value2; | The BETWEEN operator selects values within a given range. The values can be numbers, text, or dates. The BETWEEN operator is inclusive: begin and end values are included. | SELECT * FROM employees WHERE salary BETWEEN 40000 AND 80000; |
| ORDER BY | SELECT column1, column2, ... FROM table_name ORDER BY column1, column2, ... ASC DESC; | ORDER BY keyword is used to sort the result-set in ascending or descending order. The default is ascending. | SELECT f_name, l_name, dep_id FROM employees ORDER BY dep_id DESC, l_name; |
| GROUP BY | SELECT column_name(s) FROM table_name WHERE condition GROUP BY column_name(s) ORDER BY column_name(s); | GROUP BY clause is used in collaboration with the SELECT statement to arrange identical data into groups. | SELECT dep_id, COUNT(*) FROM employees GROUP BY dep_id; |

Author(s)

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Changelog

| Date | Version | Changed by | Change Description |
|------------|---------|---------------|--------------------|
| 2023-05-04 | 1.1 | Benny Li | Formatting changes |
| 2021-07-28 | 1.0 | Lakshmi Holla | Initial Version |