



- SQL is the language used to work with structured data stored in databases.
 - In data engineering, SQL is your **main tool for transforming data** inside warehouses and lakehouses.
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🔥 Topics to Learn:

1. Basic Queries (SELECT, WHERE, ORDER BY, LIMIT, GROUP BY, HAVING)
2. Filtering & Conditions (AND, OR, IN, BETWEEN, LIKE)
3. Data Transformations and Cleaning: String, Number, Date, Null Functions
4. Case Statements CASE WHEN
5. Aggregations (COUNT, SUM, AVG, MIN, MAX)
6. Joins (INNER, LEFT, RIGHT, FULL)
7. Window functions (basic usage like ROW_NUMBER, RANK)
8. Writing clean, readable, and maintainable SQL (CTE, Subqueries, Views, CTAS, Temp Tables)