

SQL DATA Analytics Project



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Data Analytics

```
CREATE TABLE orders (
  order_id INT PRIMARY KEY,
  customer_id INT,
  product_id INT,
  quantity INT,
  price DECIMAL(10,2),
  order_date DATE,
  status VARCHAR(20)
);

-- Insert sample data
INSERT INTO orders (order_id, customer_id, product_id, quantity, price, order_date, status)
VALUES (1, 101, 201, 2, 15.99, '2023-01-15', 'Completed'),
(2, 102, 202, 1, 9.99, '2023-01-16', 'Completed'),
(3, 103, 203, 3, 29.97, '2023-01-17', 'Completed'),
(4, 104, 204, 1, 4.99, '2023-01-18', 'Cancelled'),
(5, 105, 205, 2, 19.98, '2023-01-19', 'Completed'),
(6, 106, 206, 1, 12.99, '2023-01-20', 'Completed'),
(7, 107, 207, 2, 24.98, '2023-01-21', 'Completed'),
(8, 108, 208, 1, 7.99, '2023-01-22', 'Cancelled'),
(9, 109, 209, 3, 39.97, '2023-01-23', 'Completed'),
(10, 110, 210, 1, 14.99, '2023-01-24', 'Completed');

-- Query to find total sales by product
SELECT product_id, SUM(quantity * price) AS total_sales
FROM orders
WHERE status = 'Completed'
GROUP BY product_id
ORDER BY total_sales DESC;
```



SQL Course Overview



SQL Course | SQL Data Warehouse Project | ETL



This comprehensive SQL course covers essential concepts for data analytics, including data warehousing and ETL processes. The course is designed to provide hands-on experience with real-world data analytics projects.

Dimensions vs Measures



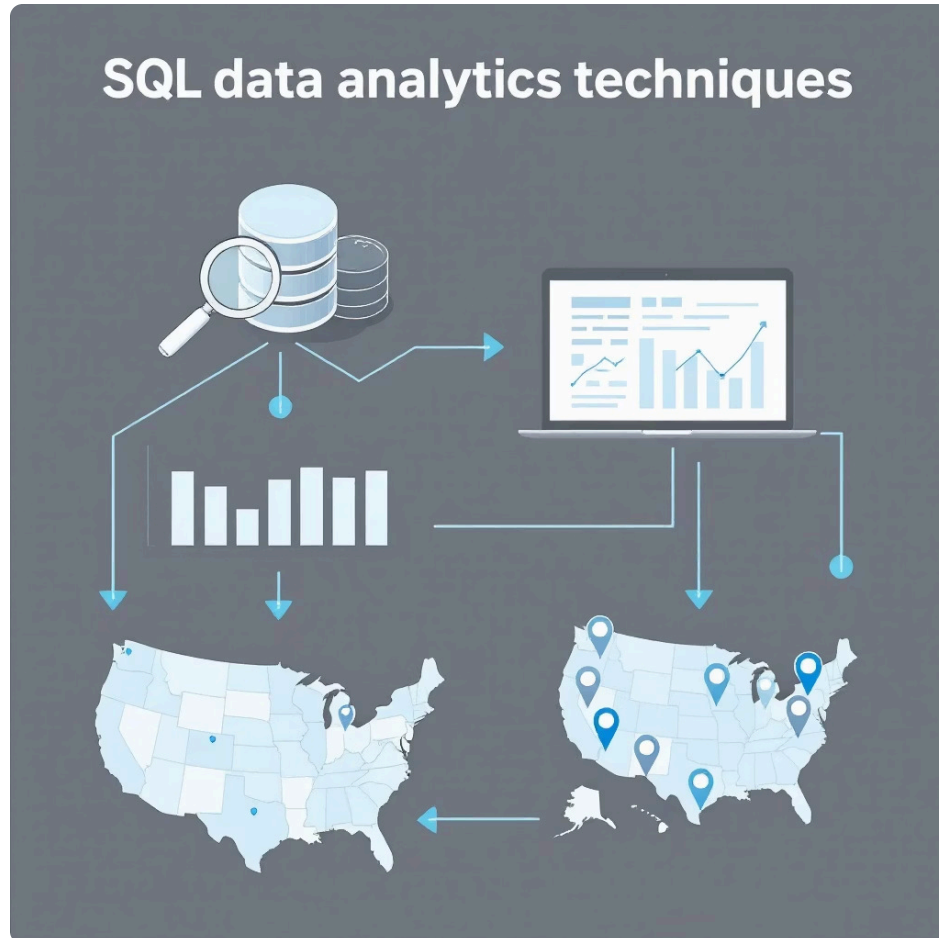
SQL Course | SQL Data Analytics | Dimensions vs Measures

Dimensions vs Measures

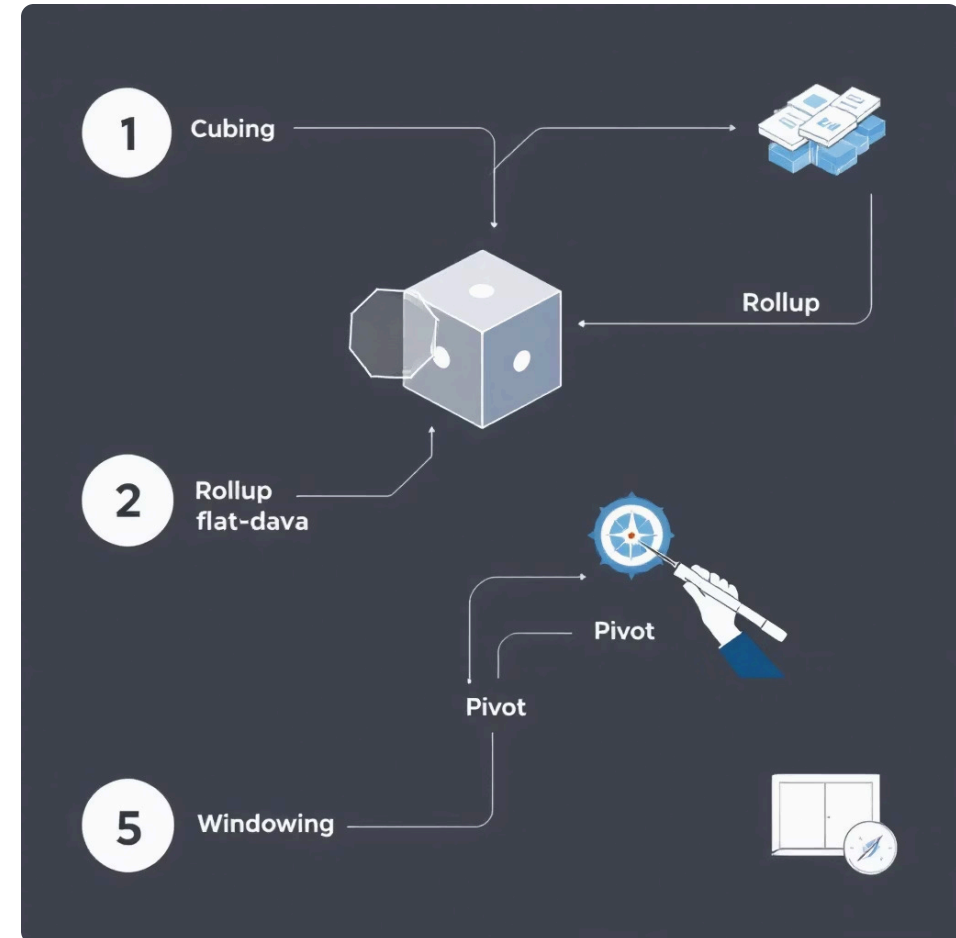


Understanding the difference between dimensions and measures is crucial for effective data analysis. This section explores how to properly identify and use these elements in SQL queries.

Advanced SQL Data Analytics



SQL Course | SQL Data Analytics | Dimensions vs Measures



The course delves deeper into SQL data analytics techniques, providing practical examples of how to work with dimensions and measures in complex data scenarios.

SQL Data Analysis Techniques



SQL Course | SQL Data Analytics

These visualizations demonstrate various SQL data analysis techniques covered in the course, showcasing how to transform raw data into meaningful insights through effective SQL queries.

Data Visualization and Analysis



The course covers essential data visualization techniques that complement SQL analytics. These examples show how to present data effectively after processing it with SQL queries.

Advanced Analytics Concepts



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Data will

$$C_{textucl} = C_{textucl}$$

200

300	200	100
7		
300	200	100
8		
300	200	100

Data Segmentation Techniques

Data Segmentation

[Measure] By [Measure] Total Products By Sales Range Tetal Customers By Age

CASE WHEN STATEMENT

			Categorize	50	100	Low
Medium	6	Large	15	250	10	5

