## **TASK4: SQL for Data Analysis (Screenshots of output) DataSet used customer.csv and payment.csv** query 1: SELECT first\_name, last\_name, email

## FROM customer

## WHERE last\_name LIKE 'J%'

## ORDER BY first\_name; query2: SELECT address\_id, COUNT(\*) AS customer\_count FROM customer GROUP BY address\_id;

## query 3:SELECT c.first\_name, c.last\_name, p.amount, p.mode FROM customer INNER JOIN payment p ON c.customer\_id = p.customer\_id;

## Query 4:SELECT c.first\_name, c.last\_name, p.amount, p.mode FROM customer RIGHT JOIN payment p ON c.customer\_id = p.customer\_id; Query 5:SELECT c.first\_name, c.last\_name, p.amount, p.mode

## FROM payment p LEFT JOIN customer c ON p.customer\_id = c.customer\_id;

## 

## Query 6:SELECT c.first\_name, c.last\_name, p.amount

## FROM customer c

## JOIN payment p ON c.customer\_id = p.customer\_id

## WHERE p.amount > (

## SELECT AVG(amount) FROM payment );

## 

## Query 7:SELECT c.customer\_id, c.first\_name, c.last\_name,

## SUM(p.amount) AS total\_amount,

## AVG(p.amount) AS average\_amount

## FROM customer c

## JOIN payment p ON c.customer\_id = p.customer\_id

## GROUP BY c.customer\_id, c.first\_name, c.last\_name; query 8:CREATE VIEW customer\_contact AS SELECT first\_name, last\_name, email

## FROM customer;

## SHOW FULL TABLES

## WHERE TABLE\_TYPE = 'VIEW';

## DESCRIBE customer\_contact;

## describe customer\_payment\_summary;

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