

Operational Query : Axis Bank Customer Table



/* AMBALA RAKESH AND SHUBHADIP PAUL BOTH MADE THE TABLE AND DESIGNED THE SCHEMA*/

```
CREATE TABLE AxisBank_customer (  
    customer_id INT PRIMARY KEY,  
    customerName VARCHAR(50),  
    credit_limit DECIMAL(10, 2),  
    applicable VARCHAR(5),  
    cvv INT,  
    expiry_date DATE,  
    kyc_status VARCHAR(20),  
    state VARCHAR(50)  
);
```

/*WE ARE INSERTING 20 CUSTOMER DATA IN OUR CREATED TABLE*/

/*---BY Mansi Santosh Mahale*/

```
INSERT INTO AxisBank_customer (customer_id, customerName, credit_limit, applicable, cvv, expiry_date,  
kyc_status, state)
```

VALUES

```
(1, 'Mansi Mahale', 600000, 'Yes', 123, '2026-03-28', 'Verified', 'Maharashtra'),  
(2, 'Sathvika Middela', 200000, 'Yes', 562, '2026-04-24', 'Unverified', 'Andhra Pradesh'),  
(3, 'Bhabani Shankar', 700000, 'No', 745, '2027-02-26', 'Verified', 'Odisha'),  
(4, 'Shubhadip Paul', 800000, 'Yes', 456, '2025-09-22', 'Verified', 'West Bengal'),  
(5, 'Rakesh Ambala', 350000, 'No', 234, '2028-02-10', 'Unverified', 'Telangana'),  
(6, 'Dipty Saha', 70000, 'Yes', 678, '2026-04-22', 'Verified', 'West Bengal'),  
(7, 'Supriya Tungar', 90000, 'Yes', 789, '2025-10-20', 'Verified', 'Maharashtra'),
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(8, 'Ashwini Salwadgi', 300000, 'No', 234, '2023-10-10', 'Unverified', 'Karnataka'),
(9, 'Rutuja Gite', 65000, 'Yes', 901, '2027-10-24', 'Verified', 'Maharashtra'),
(10, 'Sayali Tile', 55000, 'Yes', 332, '2028-02-20', 'Unverified', 'Maharashtra'),
(11, 'Bhagyashree Nikam', 80000, 'Yes', 491, '2025-07-10', 'Verified', 'Maharashtra'),
(12, 'Harshada Chitode', 90000, 'Yes', 527, '2026-10-20', 'Verified', 'Maharashtra'),
(13, 'Monika Vishwakarma', 45000, 'Yes', 832, '2026-02-10', 'Unverified', 'Madhya Pradesh'),
(14, 'Swati Tile', 40000, 'Yes', 423, '2028-02-20', 'Verified', 'Maharashtra'),
(15, 'Niraj Deshmukh', 30000, 'No', 761, '2025-03-26', 'Unverified', 'Maharashtra'),
(16, 'Pranav Meshram', 100000, 'Yes', 589, '2027-08-20', 'Verified', 'Maharashtra'),
(17, 'Ashish More', 35000, 'Yes', 653, '2028-09-01', 'Verified', 'Maharashtra'),
(18, 'Ishwar Shah', 75000, 'Yes', 788, '2025-02-21', 'Verified', 'Gujarat'),
(19, 'Hrishikesh Davalkar', 45000, 'Yes', 199, '2026-03-03', 'Unverified', 'Maharashtra'),
(20, 'Mandar Mahale', 50000, 'Yes', 328, '2027-01-06', 'Verified', 'Maharashtra');

/* FOR SEEING THE CREATED TABLE*/

SELECT * FROM AxisBank_customer;

/*QUERY (2, 3 AND 4 IS DONE BY Middela Sathvika)*/

/*2. Write the query below: Get all data for the customer which has KYC status verified?*/

SELECT * FROM AxisBank_customer WHERE kyc_status = 'Verified';

/*3. Calculate the total credit limit balance for customers with KYC status "Verified"*/

SELECT SUM(credit_limit) AS Total_Balance FROM AxisBank_customer WHERE kyc_status = 'Verified';

*4. Calculate the average credit limit for customers from a specific state (replace 'state_name' with the desired state) */

SELECT AVG(credit_limit) AS Average_Credit_Limit FROM AxisBank_customer WHERE state = 'Maharashtra';

/* QUERY 4 AND 5 IS DONE BY BHABANI SANKAR KHADIRATNA*/

--5. Display the name of customers who have a credit limit greater than 45000*/

SELECT customerName FROM AxisBank_customer WHERE credit_limit > 45000;

-- 6. Display names of customers with an expiry date after 2025 and a credit limit greater than 50000 */

SELECT customerName

FROM AxisBank_customer

WHERE expiry_date > '2025-12-31' AND credit_limit > 50000;

/* ADDITIONAL OPTIMIZATION OF THE QUERIES*/

SELECT ROUND(AVG(credit_limit), 0) AS Average_Credit_Limit

FROM AxisBank_customer

WHERE state = 'Maharashtra';

/* FOR GETTING THE ROUNDUP VALUE OF AVERAGE CREDIT LIMIT */

-- 5. Display the name of customers who have a credit limit greater than 45000

SELECT * FROM AxisBank_customer WHERE credit_limit > 45000;

/*WE WANT TO SHOW THE DATA IN TABLE*/

-- 6. Display names of customers with an expiry date after 2025 and a credit limit greater than 50000

SELECT * FROM AxisBank_customer

WHERE expiry_date > '2025-12-31' AND credit_limit > 50000;

/*WE WANT TO SHOW THE DATA IN TABLE*/

UPDATE AxisBank_customer

```
SET customer_id = customer_id + 900000;
```

```
/* We update our customer_id's in Our Customer_id Table*/
```
