

Test Scenario: AxisBank customer Table Testing



Test Case 1: Table Creation and Data Insertion

Objective: Verify that the AxisBank_customer table is created with the correct schema and that 20 customer records are inserted successfully.

Steps:

1. Execute the CREATE TABLE statement.
2. Insert the data for 20 customers into the table.
3. Retrieve and view all records in the table.

Expected Result: The table is created with the correct structure, and 20 records are successfully inserted.

Test Case 2: Retrieve Verified KYC Customers

Objective: Fetch all customers with a kyc_status of "Verified".

Steps:

1. Query the database to fetch customers where the kyc_status is "Verified".

Expected Result: The query returns all customers with the kyc_status set to "Verified".

Test Case 3: Calculate Total Credit Limit for Verified KYC Customers

Objective: Calculate the total credit limit for customers who have a kyc_status of "Verified".

Steps:

1. Query the database to calculate the sum of credit limits for customers with verified KYC status.

Expected Result: The query returns the correct total credit limit for verified KYC customers.

Test Case 4: Calculate Average Credit Limit by State (e.g., Maharashtra)

Objective: Calculate the average credit limit for customers from a specific state, such as "Maharashtra".

Steps:

1. Query the database to calculate the average credit limit for customers in the specified state.

Expected Result: The query returns the correct average credit limit for customers from the specified state.

Test Case 5: Fetch Customers with Credit Limit Greater than 45,000

Objective: Retrieve all customers whose credit limit is greater than 45,000.

Steps:

1. Query the database to fetch all customers with a credit limit greater than 45,000.

Expected Result: The query returns all customers who have a credit limit greater than 45,000.

Test Case 6: Fetch Customers with Expiry Date After 2025 and Credit Limit Above 50,000

Objective: Retrieve customers whose expiry date is after December 31, 2025, and whose credit limit is greater than 50,000.

Steps:

1. Query the database to fetch customers whose expiry date is after December 31, 2025, and whose credit limit exceeds 50,000.

Expected Result: The query returns the customers who meet the specified criteria for expiry date and credit limit.