

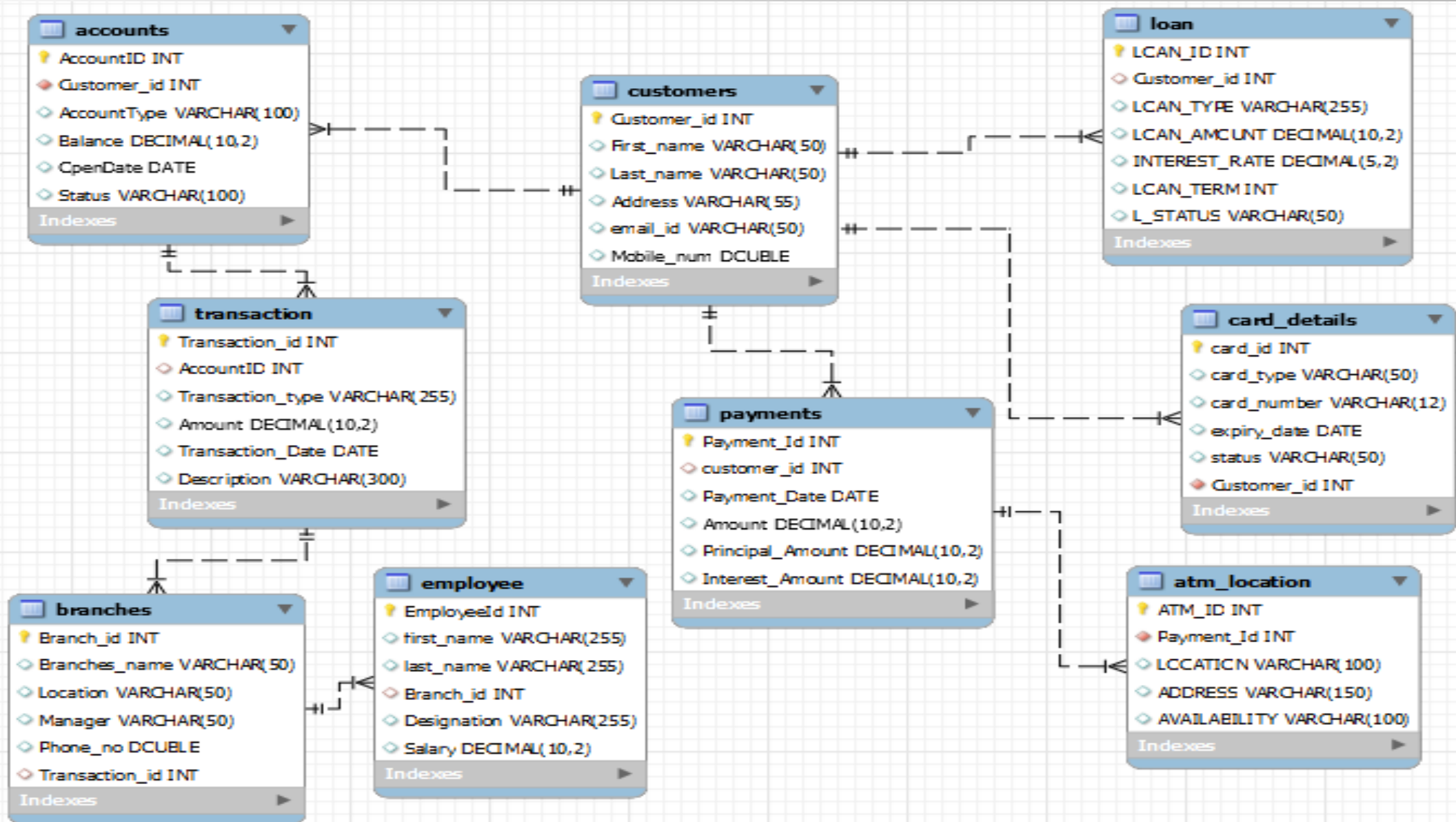


Bank Management

using SQL



ERD -using Primary key and Foreign key



There are 9 different table in Bank Database






- 1.Employee
- 2.Customer detail
- 3.Branches
- 4.Accounts
- 5.Loan
- 6.Transaction
- 7.Atm_card location
- 8.Payments
- 9.Card detail



Analysis is done using Joins and ERD by making relationship using Primary and Foreign keys.

Accounts Table -

```
1 • SELECT * FROM bank.accounts;
```

| Result Grid   Filter Rows: <input type="text"/> Edit:    Export/Import: | | | | | | |
|--|-----------|-------------|-------------|----------|------------|----------|
| | AccountID | Customer_id | AccountType | Balance | OpenDate | Status |
| ▶ | 101 | 1 | Savings | 5000.00 | 2022-01-15 | Active |
| | 102 | 2 | Checking | 2350.50 | 2021-11-28 | Active |
| | 103 | 3 | Savings | 10500.25 | 2023-02-05 | Active |
| | 104 | 4 | Checking | 1200.75 | 2022-09-12 | Inactive |
| | 105 | 5 | Savings | 8900.00 | 2021-06-20 | Active |
| | 106 | 6 | Checking | 4600.80 | 2023-05-10 | Active |
| | 107 | 7 | Savings | 2750.15 | 2022-04-03 | Active |
| | 108 | 8 | Checking | 3100.50 | 2021-08-14 | Inactive |
| | 109 | 9 | Savings | 6750.90 | 2023-01-07 | Active |
| | 110 | 10 | Checking | 950.00 | 2022-03-25 | Active |
| | 111 | 11 | Savings | 15200.00 | 2021-09-18 | Active |

accounts 1 x



Customer Table-

```
1 • SELECT * FROM bank.customers;
```

| Customer_id | First_name | Last_name | Address | email_id | Mobile_num | customer_name |
|-------------|------------|-----------|----------------|------------------------------|------------|------------------|
| 1 | John | Doe | 123 Main St | john.doe@example.com | 1234567890 | John Doe |
| 2 | Jane | Smith | 456 Elm St | jane.smith@example.com | 2345678901 | Jane Smith |
| 3 | Michael | Johnson | 789 Oak St | michael.johnson@example.com | 3456789012 | Michael Johnson |
| 4 | Emily | Williams | 101 Pine St | emily.williams@example.com | 4567890123 | Emily Williams |
| 5 | William | Brown | 202 Maple St | william.brown@example.com | 5678901234 | William Brown |
| 6 | Olivia | Jones | 303 Cedar St | olivia.jones@example.com | 6789012345 | Olivia Jones |
| 7 | James | Miller | 404 Birch St | james.miller@example.com | 7890123456 | James Miller |
| 8 | Sophia | Davis | 505 Redwood St | sophia.davis@example.com | 8901234567 | Sophia Davis |
| 9 | Benjamin | Wilson | 606 Sequoia St | benjamin.wilson@example.com | 9012345678 | Benjamin Wilson |
| 10 | Ava | Moore | 707 Spruce St | ava.moore@example.com | 1234567890 | Ava Moore |
| 11 | Alexander | Taylor | 808 Cedar St | alexander.taylor@example.com | 2345678901 | Alexander Taylor |

customers 1 x



Branches Table-

```
1 • SELECT * FROM bank.branches;
```

result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Co







| Branch_id | Branches_name | Location | Manager | Phone_no | Transaction_id |
|-----------|-------------------|---------------|------------------|---------------|----------------|
| 1 | Downtown Branch | New York | John Smith | 1234567890.12 | 1 |
| 2 | Uptown Branch | New York | Jane Johnson | 2345678901.23 | 2 |
| 3 | Midtown Branch | New York | Michael Davis | 3456789012.34 | 3 |
| 4 | West End Branch | Los Angeles | Emily Wilson | 4567890123.45 | 4 |
| 5 | East End Branch | Los Angeles | William Brown | 5678901234.56 | 5 |
| 6 | Downtown Branch | Los Angeles | Olivia Jones | 6789012345.67 | 6 |
| 7 | Downtown Branch | Chicago | James Miller | 7890123456.78 | 7 |
| 8 | North Side Branch | Chicago | Sophia Davis | 8901234567.89 | 8 |
| 9 | South Side Branch | Chicago | Benjamin Wilson | 9012345678.9 | 9 |
| 10 | Downtown Branch | San Francisco | Ava Moore | 1234567890.12 | 10 |
| 11 | Uptown Branch | San Francisco | Alexander Taylor | 2345678901.23 | 11 |

anches 1 x



Employee Table -

```
1 • SELECT * FROM bank.employee;
```








| Result Grid   Filter Rows: <input type="text"/> Edit:    Export/Import:  | | | | | | |
|--|------------|-------------|-----------|-----------|----------------|----------|
| | EmployeeId | first_name | last_name | Branch_id | Designation | Salary |
| | 101 | John | Doe | 1 | Manager | 75000.00 |
| | 102 | Jane | Smith | 2 | SalesAssociate | 45000.50 |
| | 103 | Michael | Johnson | 3 | Technician | 60000.75 |
| | 104 | Emily | Wilson | 4 | Accountant | 55000.25 |
| | 105 | David | Brown | 5 | Manager | 72000.00 |
| | 106 | Sarah | Anderson | 6 | SalesAssociate | 48000.00 |
| | 107 | Christopher | Lee | 7 | Technician | 62000.50 |
| | 108 | Olivia | Martinez | 8 | Accountant | 56000.75 |
| | 109 | Daniel | Garcia | 9 | Manager | 75000.00 |
| | 110 | Sophia | Hernandez | 10 | Technician | 61000.25 |
| | 111 | William | Jackson | 11 | SalesAssociate | 46000.50 |

employee 1 x



Atm Location Table -








```
1 • SELECT * FROM bank.atm_location;
```

| Result Grid   Filter Rows: <input type="text"/> Edit:    Export/Import:   | | | | | |
|--|--------|------------|----------|---------------------|--------------|
| | ATM_ID | Payment_Id | LOCATION | ADDRESS | AVAILABILITY |
| ▶ | 301 | 401 | Downtown | 123 Main Street | Available |
| | 302 | 402 | Uptown | 456 Elm Street | Available |
| | 303 | 403 | Midtown | 789 Oak Street | Available |
| | 304 | 404 | Downtown | 321 Maple Avenue | Available |
| | 305 | 405 | Uptown | 654 Birch Avenue | Available |
| | 306 | 406 | Midtown | 987 Pine Road | Available |
| | 307 | 407 | Downtown | 1234 Cedar Drive | Available |
| | 308 | 408 | Uptown | 5678 Walnut Lane | Available |
| | 309 | 409 | Midtown | 9012 Oakwood Circle | Available |
| | 310 | 410 | Downtown | 3456 Willow Court | Available |
| | 311 | 411 | Uptown | 7890 Cherry Lane | Available |

tm_location 1 x

Payments Table -

```
1 • SELECT * FROM bank.payments;
```

| Result Grid   Filter Rows: <input type="text"/> Edit:    Export/Import:   Wrap | | | | | | |
|---|------------|-------------|--------------|---------|------------------|-----------------|
| | Payment_Id | customer_id | Payment_Date | Amount | Principal_Amount | Interest_Amount |
| + | 401 | 1 | 2023-01-15 | 500.00 | 400.00 | 100.00 |
| - | 402 | 2 | 2023-02-15 | 600.00 | 500.00 | 100.00 |
| - | 403 | 3 | 2023-03-15 | 700.00 | 600.00 | 100.00 |
| - | 404 | 4 | 2023-04-15 | 800.00 | 700.00 | 100.00 |
| - | 405 | 5 | 2023-05-15 | 900.00 | 800.00 | 100.00 |
| - | 406 | 6 | 2023-06-15 | 1000.00 | 900.00 | 100.00 |
| - | 407 | 7 | 2023-07-15 | 1100.00 | 1000.00 | 100.00 |
| - | 408 | 8 | 2023-08-15 | 1200.00 | 1100.00 | 100.00 |
| - | 409 | 9 | 2023-09-15 | 1300.00 | 1200.00 | 100.00 |
| - | 410 | 10 | 2023-10-15 | 1400.00 | 1300.00 | 100.00 |
| - | 411 | 11 | 2023-11-15 | 1500.00 | 1400.00 | 100.00 |

payments 1 ×



Loan Table -

```
1 • SELECT * FROM bank.loan;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:








| | LOAN_ID | Customer_id | LOAN_TYPE | LOAN_AMOUNT | INTEREST_RATE | LOAN_TERM | L_STATUS |
|---|---------|-------------|-----------|-------------|---------------|-----------|----------|
| ▶ | 201 | 1 | Personal | 5000.00 | 6.50 | 36 | Approved |
| | 202 | 2 | Home | 100000.00 | 4.00 | 240 | Pending |
| | 203 | 3 | Auto | 15000.00 | 5.00 | 60 | Approved |
| | 204 | 4 | Personal | 7000.00 | 7.00 | 48 | Rejected |
| | 205 | 5 | Education | 20000.00 | 3.50 | 72 | Approved |
| | 206 | 6 | Auto | 12000.00 | 4.50 | 60 | Pending |
| | 207 | 7 | Home | 80000.00 | 3.75 | 180 | Approved |
| | 208 | 8 | Personal | 6000.00 | 8.00 | 36 | Rejected |
| | 209 | 9 | Education | 25000.00 | 4.00 | 60 | Approved |
| | 210 | 10 | Auto | 18000.00 | 6.00 | 72 | Pending |
| | 211 | 11 | Home | 75000.00 | 3.25 | 120 | Approved |

loan 1 ▾



Transaction Table-




```
1 • SELECT * FROM bank.transaction;
```

| Result Grid   Filter Rows: <input type="text"/> Edit:    Export/Import:   Wrap Cell Content: | | | | | | |
|---|----------------|-----------|------------------|---------|------------------|--------------------------|
| | Transaction_id | AccountID | Transaction_type | Amount | Transaction_Date | Description |
| ▶ | 1 | 101 | Credit | 100.50 | 2023-09-15 | Payment from customer A |
| | 2 | 102 | Debit | 50.25 | 2023-09-16 | Purchase of supplies |
| | 3 | 103 | Credit | 75.75 | 2023-09-17 | Refund for returned item |
| | 4 | 104 | Debit | 30.00 | 2023-09-18 | Monthly subscription fee |
| | 5 | 105 | Credit | 200.00 | 2023-09-19 | Salary deposit |
| | 6 | 106 | Withdrawal | 120.00 | 2023-01-20 | Coffee shop |
| | 7 | 107 | Deposit | 8000.00 | 2023-01-21 | Bonus |
| | 8 | 108 | Withdrawal | 600.00 | 2023-01-22 | Online shopping |
| | 9 | 109 | Deposit | 2500.00 | 2023-01-23 | Gift |
| | 10 | 110 | Withdrawal | 180.00 | 2023-01-24 | Lunch |
| | 11 | 111 | Deposit | 7500.00 | 2023-01-25 | Salary |

transaction 1 ×

Card_Detail Table-

```
1 • SELECT * FROM bank.card_details;
```

| Result Grid | | | | | | |
|--|---------|-----------|--------------|-------------|--------|-------------|
| Filter Rows: <input type="text"/> | | | | | | |
| Edit:    Export/Import: | | | | | | |
| | card_id | card_type | card_number | expiry_date | status | Customer_id |
| ▶ | 501 | Credit | 123456789011 | 2024-01-31 | Active | 1 |
| | 502 | Debit | 234567890123 | 2025-02-28 | Active | 2 |
| | 503 | Credit | 345678901234 | 2026-03-31 | Active | 3 |
| | 504 | Debit | 456789012345 | 2027-04-30 | Active | 4 |
| | 505 | Credit | 567890123456 | 2028-05-31 | Active | 5 |
| | 506 | Debit | 678901234567 | 2029-06-30 | Active | 6 |
| | 507 | Credit | 789012345678 | 2030-07-31 | Active | 7 |
| | 508 | Debit | 890123456789 | 2031-08-31 | Active | 8 |
| | 509 | Credit | 901234567890 | 2032-09-30 | Active | 9 |
| | 510 | Debit | 123456789012 | 2024-10-31 | Active | 10 |
| | 511 | Credit | 234567890123 | 2025-11-30 | Active | 11 |

card details 1 x

```

028      #1 Total no of customers in all branches
029 •    SELECT c.Customer_Name ,count(c.customer_name) ,b.branches_name
030      from Customers c
031      inner join
032      branches b on
033      c.Customer_ID=b.transaction_id
034      group by b.branches_name ;

```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

| | first_name | last_name | designation | avg_salary | branches_name | location |
|---|------------|-----------|-------------|------------|-------------------|-------------|
| • | John | Doe | Manager | 75000.00 | Downtown Branch | New York |
| | Daniel | Garcia | Manager | 75000.00 | South Side Branch | Chicago |
| | Mia | Thompson | Manager | 73000.00 | North End Branch | Boston |
| | David | Brown | Manager | 72000.00 | East End Branch | Los Angeles |
| | Michael | Johnson | Technician | 60000.75 | Midtown Branch | New York |
| | Ethan | Harris | Technician | 60000.50 | South End Branch | Boston |
| | Olivia | Martinez | Accountant | 56000.75 | North Side Branch | Chicago |
| | Emily | Wilson | Accountant | 55000.25 | West End Branch | Los Angeles |

#2 Total Balance by all branches

- `set sql_mode=0;`
- `SELECT b.branches_name,b.transaction_id, a.customer_id,sum(a.balance)`
`from branches b`
`inner join`
`Accounts a`
`on b.transaction_id=a.customer_id`
`group by b.branches_name ;`

| branches_name | transaction_id | customer_id | sum(a.balan |
|-------------------|----------------|-------------|-------------|
| Downtown Branch | 1 | 1 | 150010.65 |
| Uptown Branch | 2 | 2 | 150313.05 |
| Midtown Branch | 3 | 3 | 147408.90 |
| West End Branch | 4 | 4 | 1200.75 |
| East End Branch | 5 | 5 | 8900.00 |
| North Side Branch | 8 | 8 | 16850.50 |
| South Side Branch | 9 | 9 | 10951.65 |
| North End Branch | 14 | 14 | 8600.75 |
| South End Branch | 15 | 15 | 6900.10 |



#3 Customers with transaction data

```
select c.customer_name, t.amount,t.transaction_type,t.description
from customers c
inner join
transaction t on
c.customer_id=t.transaction_id ;
```

| customer_name | amount | transaction_type | description | Column1 |
|--------------------|--------|------------------|--------------------------|---------|
| John Doe | 100.5 | Credit | Payment from customer A | |
| Jane Smith | 50.25 | Debit | Purchase of supplies | |
| Michael Johnson | 75.75 | Credit | Refund for returned item | |
| Emily Williams | 30 | Debit | Monthly subscription fee | |
| William Brown | 200 | Credit | Salary deposit | |
| Olivia Jones | 120 | Withdrawal | Coffee shop | |
| James Miller | 8000 | Deposit | Bonus | |
| Sophia Davis | 600 | Withdrawal | Online shopping | |
| Benjamin Wilson | 2500 | Deposit | Gift | |
| Ava Moore | 180 | Withdrawal | Lunch | |
| Alexander Taylor | 7500 | Deposit | Salary | |
| Mia Anderson | 550 | Withdrawal | Dinner out | |
| Ethan Martinez | 1600 | Deposit | Savings transfer | |
| Isabella Hernandez | 220 | Withdrawal | Grocery shopping | |
| Liam Garcia | 9000 | Deposit | Bonus | |
| Charlotte Lewis | 620 | Withdrawal | Online shopping | |
| Henry Lee | 1400 | Deposit | Gift | |
| Amelia Walker | 270 | Withdrawal | Coffee shop | |
| Daniel Perez | 5800 | Deposit | Salary | |
| Luna Hall | 950 | Withdrawal | Dinner out | |
| Matthew Young | 1700 | Deposit | Savings transfer | |
| Lily Allen | 240 | Withdrawal | Online shopping | |
| Jack Turner | 6400 | Deposit | Bonus | |
| Grace Gonzalez | 980 | Withdrawal | Lunch | |
| Owen Harris | 1900 | Deposit | Savings transfer | |
| Chloe Martin | 260 | Withdrawal | Coffee shop | |
| Sebastian King | 6700 | Deposit | Salary | |
| Zoe Wright | 130 | Withdrawal | ATM withdrawal | |
| David Nelson | 8500 | Deposit | Bonus | |
| Hannah Adams | 230 | Withdrawal | Grocery shopping | |
| Christopher Parker | 6900 | Deposit | Gift | |
| Avery Cooper | 160 | Withdrawal | Online shopping | |
| Andrew Ross | 12000 | Deposit | Savings transfer | |
| Sofia Peterson | 420 | Withdrawal | Coffee shop | |
| Joseph Morris | 9800 | Deposit | Salary | |
| Ella Cook | 300 | Withdrawal | Dinner out | |
| Lucas White | 5200 | Deposit | Bonus | |
| Scarlett Martin | 150 | Withdrawal | Lunch | |
| Henry Clark | 4000 | Deposit | Savings transfer | |
| Emma Rodriguez | 80 | Withdrawal | ATM withdrawal | |
| Oliver Lewis | 3200 | Deposit | Gift | |
| Aria Turner | 420 | Withdrawal | Grocery shopping | |
| James Hall | 100.5 | Credit | Payment from customer A | |
| Ella Adams | 50.25 | Debit | Purchase of supplies | |
| Jacob Anderson | 75.75 | Credit | Refund for returned item | |
| Mia Parker | 30 | Debit | Monthly subscription fee | |







#4 customer details

```
SELECT c.customer_name,c.address,c.email_id,c.mobile_num,b.branches_name,b.location,
       a.accounttype,a.balance,d.card_type,d.expiry_date,l.loan_amount,l.loan_term
FROM customers c
INNER JOIN branches b ON c.Customer_ID=b.transaction_id
INNER JOIN accounts a ON c.Customer_ID=a.customer_id
INNER JOIN loan l     ON c.Customer_ID=l.customer_id
INNER JOIN card_details d ON c.Customer_ID=d.customer_id ;
```

| customer_name | address | email_id | mobile_num | branches_name | location | accounttype | balance | card_type | expiry_date | loan_amount | loan_term |
|--------------------|-----------------|--------------------------------|------------|-------------------|---------------|-------------|----------|-----------|-------------|-------------|-----------|
| John Doe | 123 Main St | john.doe@example.com | 1234567890 | Downtown Branch | New York | Savings | 5000 | Credit | 1/31/2024 | 5000 | 36 |
| Jane Smith | 456 Elm St | jane.smith@example.com | 2345678901 | Uptown Branch | New York | Checking | 2350.5 | Debit | 2/28/2025 | 100000 | 240 |
| Michael Johnson | 789 Oak St | michael.johnson@example.com | 3456789012 | Midtown Branch | New York | Savings | 10500.25 | Credit | 3/31/2026 | 15000 | 60 |
| Emily Williams | 101 Pine St | emily.williams@example.com | 4567890123 | West End Branch | Los Angeles | Checking | 1200.75 | Debit | 4/30/2027 | 7000 | 48 |
| William Brown | 202 Maple St | william.brown@example.com | 5678901234 | East End Branch | Los Angeles | Savings | 8900 | Credit | 5/31/2028 | 20000 | 72 |
| Olivia Jones | 303 Cedar St | olivia.jones@example.com | 6789012345 | Downtown Branch | Los Angeles | Checking | 4600.8 | Debit | 6/30/2029 | 12000 | 60 |
| James Miller | 404 Birch St | james.miller@example.com | 7890123456 | Downtown Branch | Chicago | Savings | 2750.15 | Credit | 7/31/2030 | 80000 | 180 |
| Sophia Davis | 505 Redwood St | sophia.davis@example.com | 8901234567 | North Side Branch | Chicago | Checking | 3100.5 | Debit | 8/31/2031 | 6000 | 36 |
| Benjamin Wilson | 606 Sequoia St | benjamin.wilson@example.com | 9012345678 | South Side Branch | Chicago | Savings | 6750.9 | Credit | 9/30/2032 | 25000 | 60 |
| Ava Moore | 707 Spruce St | ava.moore@example.com | 1234567890 | Downtown Branch | San Francisco | Checking | 950 | Debit | 10/31/2024 | 18000 | 72 |
| Alexander Taylor | 808 Cedar St | alexander.taylor@example.com | 2345678901 | Uptown Branch | San Francisco | Savings | 15200 | Credit | 11/30/2025 | 75000 | 120 |
| Mia Anderson | 909 Elm St | mia.anderson@example.com | 3456789012 | Midtown Branch | San Francisco | Checking | 3750.25 | Debit | 12/31/2026 | 5500 | 48 |
| Ethan Martinez | 1010 Oak St | ethan.martinez@example.com | 4567890123 | Downtown Branch | Boston | Savings | 4500 | Credit | 1/31/2027 | 16000 | 60 |
| Isabella Hernandez | 1111 Maple St | isabella.hernandez@example.com | 5678901234 | North End Branch | Boston | Checking | 8600.75 | Debit | 2/29/2028 | 22000 | 84 |
| Liam Garcia | 1212 Pine St | liam.garcia@example.com | 6789012345 | South End Branch | Boston | Savings | 6900.1 | Credit | 3/31/2029 | 90000 | 180 |
| Charlotte Lewis | 1313 Cedar St | charlotte.lewis@example.com | 7890123456 | Downtown Branch | Miami | Checking | 1800 | Debit | 4/30/2030 | 6200 | 36 |
| Henry Lee | 1414 Redwood St | henry.lee@example.com | 8901234567 | Uptown Branch | Miami | Savings | 7350.75 | Credit | 5/31/2031 | 14000 | 60 |
| Amelia Walker | 1515 Sequoia St | amelia.walker@example.com | 9012345678 | Downtown Branch | Miami | Checking | 2250.5 | Debit | 6/30/2032 | 27000 | 72 |
| Daniel Perez | 1616 Spruce St | daniel.perez@example.com | 1234567890 | Downtown Branch | Dallas | Savings | 4000 | Credit | 7/31/2024 | 5800 | 48 |
| Luna Hall | 1717 Elm St | luna.hall@example.com | 2345678901 | Uptown Branch | Dallas | Checking | 5900.25 | Debit | 8/31/2025 | 95000 | 240 |
| Matthew Young | 1818 Oak St | matthew.young@example.com | 3456789012 | Midtown Branch | Dallas | Savings | 7500 | Credit | 9/30/2026 | 17000 | 60 |
| Lily Allen | 1919 Maple St | lily.allen@example.com | 4567890123 | Downtown Branch | Houston | Checking | 3100.25 | Debit | 10/31/2027 | 24000 | 84 |

5 Employee details

```
SELECT e.first_name,e.last_name,e.designation,round((e.salary),2) as avg_salary,b.branches_name,b.location
FROM employee e
INNER JOIN Branches b
ON e.branch_id=b.transaction_id
group by b.branches_name
order by avg_salary desc ;
```

| Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content:  | | | | | | |
|--|------------|-----------|----------------|------------|-------------------|-------------|
| | first_name | last_name | designation | avg_salary | branches_name | location |
| | John | Doe | Manager | 75000.00 | Downtown Branch | New York |
| | Daniel | Garcia | Manager | 75000.00 | South Side Branch | Chicago |
| | Mia | Thompson | Manager | 73000.00 | North End Branch | Boston |
| | David | Brown | Manager | 72000.00 | East End Branch | Los Angeles |
| | Michael | Johnson | Technician | 60000.75 | Midtown Branch | New York |
| | Ethan | Harris | Technician | 60000.50 | South End Branch | Boston |
| | Olivia | Martinez | Accountant | 56000.75 | North Side Branch | Chicago |
| | Emily | Wilson | Accountant | 55000.25 | West End Branch | Los Angeles |
| | Jane | Smith | SalesAssociate | 45000.50 | Uptown Branch | New York |

Summary - Insights From Project-

Some key insights and functionalities of the project include:

Customer-Related Operations: The project enables the creation and management of customer accounts, card issuance, and loan applications.

Employee Management: It allows for employee information management, including their roles and assignments to specific branches.

ATM and Branch Information: The project keeps track of ATM locations and links them to the respective branches for effective branch management.

Transaction and Payment Tracking: Tracks all financial transactions and payments for customers, enabling financial analysis and reconciliation.

Loan Management: Monitors the status and details of loans, including loan origination, payments, and interest calculations.

Integration: The project integrates various tables to provide a



Insights of Project-

The bank project in SQL is a robust system that can help streamline banking operations, improve customer service, and provide valuable insights into the bank's financial activities. It supports the core functions of a typical bank, such as customer management, financial transactions, and loan management, while also offering data for decision-making and reporting.

