**1️⃣ Customers Collection (customers)**

Each customer has a name, email, phone, address, and balance.

[

{

"customerId": "CUST001",

"name": "Amit Sharma",

"email": "amit.sharma@example.com",

"phone": "+919876543210",

"address": { "city": "Mumbai", "state": "Maharashtra", "zip": "400001" },

"balance": 15000

},

{

"customerId": "CUST002",

"name": "Priya Verma",

"email": "priya.verma@example.com",

"phone": "+918765432109",

"address": { "city": "Delhi", "state": "Delhi", "zip": "110001" },

"balance": 8000

},

{

"customerId": "CUST003",

"name": "Rahul Gupta",

"email": "rahul.gupta@example.com",

"phone": "+917654321098",

"address": { "city": "Bangalore", "state": "Karnataka", "zip": "560001" },

"balance": 6000

},

{

"customerId": "CUST004",

"name": "Sneha Iyer",

"email": "sneha.iyer@example.com",

"phone": "+919543210876",

"address": { "city": "Chennai", "state": "Tamil Nadu", "zip": "600001" },

"balance": 5000

},

{

"customerId": "CUST005",

"name": "Vikas Singh",

"email": "vikas.singh@example.com",

"phone": "+916432109875",

"address": { "city": "Kolkata", "state": "West Bengal", "zip": "700001" },

"balance": 12000

},

{

"customerId": "CUST006",

"name": "Anjali Reddy",

"email": "anjali.reddy@example.com",

"phone": "+919887766554",

"address": { "city": "Hyderabad", "state": "Telangana", "zip": "500001" },

"balance": 2000

},

{

"customerId": "CUST007",

"name": "Karan Malhotra",

"email": "karan.malhotra@example.com",

"phone": "+919998877665",

"address": { "city": "Pune", "state": "Maharashtra", "zip": "411001" },

"balance": 11000

},

{

"customerId": "CUST008",

"name": "Neha Das",

"email": "neha.das@example.com",

"phone": "+918877665544",

"address": { "city": "Ahmedabad", "state": "Gujarat", "zip": "380001" },

"balance": 7500

},

{

"customerId": "CUST009",

"name": "Arjun Chatterjee",

"email": "arjun.chatterjee@example.com",

"phone": "+917766554433",

"address": { "city": "Jaipur", "state": "Rajasthan", "zip": "302001" },

"balance": 3000

},

{

"customerId": "CUST010",

"name": "Meera Nair",

"email": "meera.nair@example.com",

"phone": "+916655443322",

"address": { "city": "Lucknow", "state": "Uttar Pradesh", "zip": "226001" },

"balance": 9000

}

]

**2️⃣ Accounts Collection (accounts)**

Each account is linked to a customer (customerId).

[

{ "accountId": "ACC001", "customerId": "CUST001", "accountType": "Savings", "balance": 15000 },

{ "accountId": "ACC002", "customerId": "CUST001", "accountType": "Checking", "balance": 8000 },

{ "accountId": "ACC003", "customerId": "CUST003", "accountType": "Savings", "balance": 6000 },

{ "accountId": "ACC004", "customerId": "CUST004", "accountType": "Checking", "balance": 5000 },

{ "accountId": "ACC005", "customerId": "CUST003", "accountType": "Savings", "balance": 12000 },

{ "accountId": "ACC006", "customerId": "CUST006", "accountType": "Checking", "balance": 2000 },

{ "accountId": "ACC007", "customerId": "CUST007", "accountType": "Savings", "balance": 11000 },

{ "accountId": "ACC008", "customerId": "CUST007", "accountType": "Checking", "balance": 7500 },

{ "accountId": "ACC009", "customerId": "CUST006", "accountType": "Savings", "balance": 3000 },

{ "accountId": "ACC010", "customerId": "CUST010", "accountType": "Checking", "balance": 9000 }

]

**3️⃣ Transactions Collection (transactions)**

Each transaction has a sender and receiver (accountId), amount, type, and date.

[

{ "transactionId": "TXN001", "fromAccountId": "ACC001", "toAccountId": "ACC002", "amount": 500, "transactionType": "Transfer", "date": "2024-03-06T10:30:00Z" },

{ "transactionId": "TXN002", "fromAccountId": "ACC003", "toAccountId": "ACC004", "amount": 1200, "transactionType": "Transfer", "date": "2024-03-05T09:45:00Z" },

{ "transactionId": "TXN003", "fromAccountId": "ACC005", "toAccountId": "ACC006", "amount": 800, "transactionType": "Transfer", "date": "2024-03-04T14:20:00Z" },

{ "transactionId": "TXN004", "fromAccountId": "ACC007", "toAccountId": "ACC008", "amount": 2000, "transactionType": "Transfer", "date": "2024-03-03T11:00:00Z" },

{ "transactionId": "TXN005", "fromAccountId": "ACC009", "toAccountId": "ACC010", "amount": 1500, "transactionType": "Transfer", "date": "2024-03-02T16:10:00Z" },

{ "transactionId": "TXN006", "fromAccountId": "ACC002", "toAccountId": "ACC005", "amount": 300, "transactionType": "Transfer", "date": "2024-03-01T08:30:00Z" },

{ "transactionId": "TXN007", "fromAccountId": "ACC004", "toAccountId": "ACC007", "amount": 4500, "transactionType": "Transfer", "date": "2024-02-28T12:45:00Z" },

{ "transactionId": "TXN008", "fromAccountId": "ACC006", "toAccountId": "ACC009", "amount": 900, "transactionType": "Transfer", "date": "2024-02-27T17:15:00Z" }

]

**💾 How to Import This Data into MongoDB Compass?**

1. **Open MongoDB Compass**.
2. **Select your database** (e.g., bankDB).
3. **Go to the Collection** (customers, accounts, transactions).
4. **Click "Insert Document"** → **Paste JSON** → Click **Insert**.
5. **Alternatively, use the "Import JSON" option**.