**1. Total Investments per Client**

* **Purpose**: Show the total value of investments held by each client.
* **Columns**: client\_id, client\_name, total\_investment\_value
* **Calculation**: Sum of (quantity × purchase\_price) grouped by client\_id.

**2. Yearly Transaction Trends**

* **Purpose**: Show how the number and value of transactions change over time.
* **Columns**: year, total\_transactions, total\_transaction\_value
* **Calculation**: Count and sum (quantity × transaction\_price) grouped by transaction year.

**3. Account Balances per Client**

* **Purpose**: Show the total balance in all accounts for each client.
* **Columns**: client\_id, client\_name, total\_balance
* **Calculation**: Sum of account\_balance grouped by client\_id.

**4. Investment Distribution by Security Type**

* **Purpose**: Show how investments are distributed across different types (e.g., stocks, bonds).
* **Columns**: investment\_type, total\_quantity, total\_investment\_value
* **Calculation**: Sum of quantity and quantity \* purchase\_price grouped by investment\_type.

**5. Most Frequently Traded Securities**

* **Purpose**: Identify the most traded securities.
* **Columns**: security\_name, total\_transactions, total\_traded\_volume
* **Calculation**: Count of transactions and sum of quantity grouped by security\_name.

**6. Client Risk Profile and Investment Behavior**

* **Purpose**: Understand how risk tolerance affects investment choices.
* **Columns**: risk\_tolerance, avg\_investment\_value, total\_clients
* **Calculation**: Average investment per client grouped by risk\_tolerance.

**7. Monthly Transaction Volume**

* **Purpose**: Show trading activity by month.
* **Columns**: month, total\_transactions, total\_transaction\_value
* **Calculation**: Count of transactions and sum of transaction values grouped by month.

**8. Market Price Trends for Securities**

* **Purpose**: Show how market prices of securities fluctuate over time.
* **Columns**: security\_name, year, avg\_closing\_price
* **Calculation**: Average closing\_price grouped by security\_name and year.