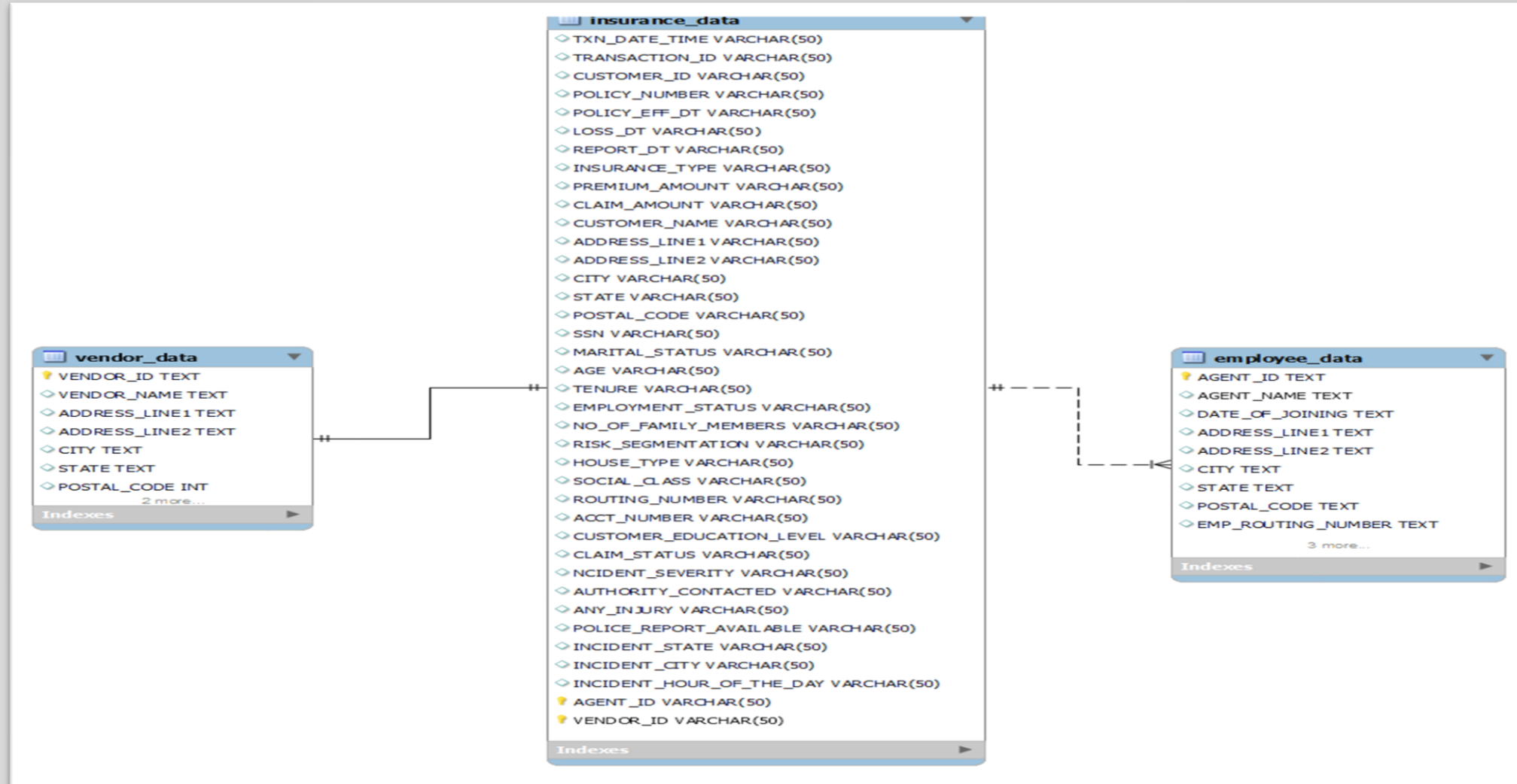




INSURANCE DATA MANAGEMENT & ANALYSIS IN SQL

ER Diagram of Insurance Data



Questions :

Basic SQL Questions

- ❖ 1.Retrieve all columns from the table.
- ❖ 2.Get all records from the INSURANCE table where the CLAIM_AMOUNT is greater than \$80000.
- ❖ 3.List all AGENTS ordered by DATE_OF_JOINING in descending order.
- ❖ 4.Find the total PREMIUM_AMOUNT collected from all transactions.
- ❖ 5.Count the number of customers in each CITY order them in descending.

Intermediate SQL Questions

- ❖ 1. Find the names of agents along with the number of transactions they handle.
- ❖ 2. List the CUSTOMER_NAME and CLAIM_AMOUNT of customers who have made the highest claim in each state.
- ❖ 3. Retrieve all VENDORS who have an address in CITY 'Union City' and STATE 'CA'.
- ❖ 4. Get a list of CUSTOMER_NAME where the names start with the letter 'A'.
- ❖ 5. Find all TRANSACTIONS that occurred in the last 30 days

Advanced SQL Questions

- ❖ 1. For each CITY, calculate the average CLAIM_AMOUNT and rank the cities based on this average.
- ❖ 2. Using a CTE, find the CUSTOMER_NAME who has been with the company for more than 10 years.
- ❖ 3. Retrieve the VENDOR_NAME and POLICY_NUMBER for all transactions handled by vendors, including the vendors' address details.
- ❖ 4. List CUSTOMER_NAME and their CLAIM_AMOUNT where the claim amount is greater than the average claim amount for all customers.
- ❖ 5. Transform the TRANSACTIONS data to show the total CLAIM_AMOUNT by INSURANCE_TYPE for each STATE.

THANK YOU