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Project 1

The Insurance Company Database will have data about different insurance plans, car information, house information, customer information, agent information, accidents, and address. I would try to find real data to insert to my database.

The database will be used to answer the following questions:

- 1) How many customers are in a specific plan under a specific agent?
- 2) How many accidents were recorded in a specific City and State in 2016?
- 3) List all cars that are under a specific plan that were involved in the accident more than once?
- 4) Find all customers that have a car Insurance but not a home insurance (vice-versa) that are more than 35 years old?

Although, there are many other questions we can ask to this database. The database will have two types of Insurance Plans: House and Car. House Policy insures many houses. A house can be insured by only one policy. Similar relationships with Car Policy and cars. A car can have many Accidents. An accident can have many cars involved in it. Similar relationships with customers and accidents. Many customers can have same address, For Example: family members. Many accidents can happen at a specific location. Contracts can be made by one agent to many Customers and many Plans.

Constraints:

IsGuilty must have Boolean value True or False. Year in Car and House tables must be in certain range. I

will add more constraints later as I found out more.