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Assignment 2

The data that would be collected by my database is customer information such as the customer ID, first name, last name, and how many points they have earned. It would also have information about the four stores. Each store would have information about the employees that work there such as Employee ID, first name, last name, employee title, employee date of birth and a store code. The store would have information about the store such as the store code, Store name, the store’s year to date sales and the employee code. The people who own the database would be the CEO of Princess Cafe Inc. The people who manage the database would be the managers and supervisors of each of the stores. Therefore, the managers and supervisors would be able to access the database. Overall the database would be used to check and see what needs to be stocked and how many shifts need to be made and covered for store hours. It is important that access to the database remains restricted so that competitors and customers cannot steal information.

17 Business Questions

1.) How many employees work full time?

Select: Emp\_firstName, Emp\_LastName, hoursLogged

From: employees

Where: hoursLogged >= 40 hours a week

2.) How many employees work part time?

Select: Emp\_firstName, Emp\_LastName, hoursLogged

From: employees

Where: hoursLogged < 40 hours a week

3.) How many customers earned 400 points?

Select: Cust\_ID, FirstName, LastName, points\_earned

From: rewards\_program

Where: points\_earned = 400

4.) How many lattes did the store sell 9/1/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: prod\_ID = latte

And date\_sold = 9/1/21

5.) How many teas did the store sell 9/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: prod\_ID = tea

And date\_sold = 9/2/21

6.) How many specials did the store sell 9/4/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: prod\_ID = special

And date\_sold = 9/4/21

7.) How many employees are baristas?

Select: Emp\_firstName, Emp\_LastName, emp\_title

From: employees

Where: emp\_title = barista

8.) How many employees are delivery drivers?

Select: Emp\_firstName, Emp\_LastName, emp\_title

From: employees

Where: emp\_title = delivery driver

9.) How many items cost more than $3?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: cost >= 3

10.) How many at-home coffees were sold on 8/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 8/2/21

And: prod\_ID = at-home coffee

11.) How many Frappuccinos were sold on 8/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 8/2/21

And: prod\_ID = Frappuccino

12.) What employees that are part time also are baristas?

Select: Emp\_firstName, Emp\_LastName, hoursLogged, emp\_title

From: employees

Where: hoursLogged < 40 hours a week

And: emp\_title = barista

13.) What employees that are full time also are delivery drivers?

Select: Emp\_firstName, Emp\_LastName, hoursLogged, emp\_title

From: employees

Where: hoursLogged >= 40 hours a week

And: emp\_title = delivery driver

14.) How many smoothies were sold on 7/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 7/2/21

And: prod\_ID = smoothie

15.) How many cake pops were sold on 9/5/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 9/5/21

And: prod\_ID = cake pop

16.) How many salads were sold on 9/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 9/5/21

And: prod\_ID = salad

17.) How many mochas were sold on 8/2/21?

Select: prod\_ID, Cost, date\_sold

From: orders

Where: date = 8/2/21

And: prod\_ID = mocha

My partner needs a database for Moviehut Theaters. The database will keep track of the employee’s schedule and the different theaters that run each day. It will also keep track of all the inventory each location needs. For example, the company will need to know how much popcorn seed, candy, and different flavors of pop they need to order each week.

1.) What employee sold the most candy last quarter?

Select: FirstName, LastName, candySales

From: employees

Where: candySales is greater than $2,000

2.) How many employees work part time?

Select: FirstName,LastName, hoursLogged

From: timeClock

Where: hoursLogged are less than 40hrs a week

3.) How many employees work full time?

Select: FirstName,LastName, hoursLogged

From: timeClock

Where: hoursLogged are greater than or equal to 40hrs a week