Project Details

Use the attached .sql file from BikeStore Database to carry out an analysis of BikeStore Company using the following guide questions.

Link database: https://www.kaggle.com/datasets/dillonmyrick/bike-store-sample-database?resource=download&select=products.csv

Instructions

• Running queries and extracting data from database. Load the databases attached then connect them with the solution script.

NB: Order Status 1= Pending
2= Processing
3= Rejected
4= Completed

Steps

A. **Explore Data**
Display all data on the tables.

B. **Questions**

1) Which bike is most expensive? What could be the motive behind pricing this bike at the high price?
2) How many total customers does BikeStore have? Would you consider people with order status 3 as customers substantiate your answer?
3) How many stores does BikeStore have?
4) What is the total price spent per order?
   Hint: total price = [list_price] *[quantity]*(1-[discount])
5) What's the sales/revenue per store?
   Hint: Sales revenue = ([list_price] *[quantity]*(1-[discount]))
6) Which category is most sold?
7) Which category rejected more orders?

8) Which bike is the least sold?

9) What's the full name of a customer with ID 259?

10) What did the customer on question 9 buy and when? What's the status of this order?

11) Which staff processed the order of customer 259? And from which store?

12) How many staff does BikeStore have? Who seems to be the lead Staff at BikeStore?

13) Which brand is the most liked?

14) How many categories does BikeStore have, and which one is the least liked?

15) Which store still have more products of the most liked brand?

16) Which state is doing better in terms of sales?

17) What's the discounted price of product id 259?

18) What's the product name, quantity, price, category, model year and brand name of product number 44?

19) What's the zip code of CA?

20) How many states does BikeStore operate in?

21) How many bikes under the children category were sold in the last 8 months?

22) What's the shipped date for the order from customer 523?

23) How many orders are still pending?

24) What's the names of category and brand does "Electra white water 3i - 2018" fall under?

Create more Question for this database at least 10 Question