

## 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/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.
- All answers should be completed directly on SSMS.

**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?