**CDACL-004-Fast Food Analysis**

Using the available Fast food data from various fast food chains, come up with the following analyses for a company of your choice:

Complete diagnostic report

Also, prepare a dashboard with a restaurant wide fast food features like average calories or average price of dishes in a restaurant

About Dataset:

This dataset encompasses various features related to supply chain of a company like restaurant ,item ,calories ,cal\_fat ,total\_fat ,sat\_fat, trans\_fat ,cholesterol ,sodium, total\_carb, fiber ,sugar ,protein ,vit\_a ,vit\_c ,calcium and salad.

Database Credentials:

Note: Connect to the database with the given credentials to fetch the data

<http://18.136.157.135/phpadmin/>

Host Name: localhost

Host User Name: root

Host password: 20sk!@MD$@\*1920!

Username: dm\_team15

Password: peq0R\_klPASi

Attributes Information:

1. **Restaurant**: The name or identifier of the restaurant where the item is served or sold.
2. **Item**: The name or description of the food item or dish being served.
3. **Calories**: The total number of calories in the food item, typically measured per serving size.
4. **Calories from Fat (cal\_fat)**: The number of calories in the food item derived from fat.
5. **Total Fat**: The total amount of fat in grams in the food item, including all types of fat (saturated, trans, etc.).
6. **Saturated Fat (sat\_fat)**: The amount of saturated fat in grams in the food item.
7. **Trans Fat (trans\_fat)**: The amount of trans fat in grams in the food item.
8. **Cholesterol**: The amount of cholesterol in milligrams in the food item.
9. **Sodium**: The amount of sodium in milligrams in the food item.
10. **Total Carbohydrates (total\_carb)**: The total amount of carbohydrates in grams in the food item.
11. **Dietary Fiber (fiber)**: The amount of dietary fiber in grams in the food item.
12. **Sugar**: The amount of sugar in grams in the food item.
13. **Protein**: The amount of protein in grams in the food item.
14. **Vitamin A (vit\_a)**: The amount of vitamin A in International Units (IU) or micrograms (µg) in the food item.
15. **Vitamin C (vit\_c)**: The amount of vitamin C in milligrams in the food item.
16. **Calcium**: The amount of calcium in milligrams in the food item.
17. **Salad**: This attribute seems to be incomplete or unclear in the provided context. More information is needed to provide a detailed explanation.

Analyze the data using Tableau or Power BI and write an analysis report. You can provide your inputs/solution as a PPT presentation and you can explain your project, record it, and send it with the PPT file.