SQL Project

Big Mart Sales Analysis

Data Description:

• Item_Identifier: Unique product ID

• Item_Weight: Weight of product

• Item_Fat_Content: Whether the product is low fat or not

• Item_Visibility: The % of total display area of all products in a store allocated to the particular product

• Item_Type: The category to which the product belongs

• Item_MRP: Maximum Retail Price (list price) of the product

• Outlet_Identifier: Unique store ID

• Outlet_Establishment_Year: The year in which store was established

• Outlet_Size: The size of the store in terms of ground area covered

• Outlet_Location_Type: The type of city in which the store is located

• Outlet_Type: Whether the outlet is just a grocery store or some sort of supermarket

• Item_Outlet_Sales: Sales of the product in the particulat store. This is the outcome variable to be predicted.

Answer the questions below with SQL Query

1. WRITE a sql query to show all Item_Identifier

2. WRITE a sql query to show count of total Item_Identifier

3. WRITE a sql query to show maximum Item Weight

4. WRITE a query to show minimun Item Weight

5. WRITE a query to show average Item_Weight

6. WRITE a query to show count OF Item_Fat_Content WHERE Item_Fat_Content IS Low Fat

7. WRITE a query to show count OF Item_Fat_Content WHERE Item_Fat_Content IS Regular

8. WRITE a query TO show maximum Item_MRP

9. WRITE a query TO show minimum Item_MRP

10.WRITE a query to show Item_Identifier , Item_Fat_Content ,Item_Type,Item_MRP and Item_MRP IS greater than 200

11.WRITE a query to show maximum Item_MRP WHERE Item_Fat_Content IS Low Fat

12.WRITE a query to show minimum Item_MRp AND Item_Fat_Content IS Low Fat

13.WRITE a query to show ALL DATA WHERE item MRP IS BETWEEN 50 TO 100

14.WRITE a query to show ALL UNIQUE value Item_Fat_Content

15.WRITE a query to show ALL UNIQUE value Item_Type

16.WRITE a query to show ALL DATA IN descending ORDER BY Item MRP

17.WRITE a query to show ALL DATA IN ascending ORDER BY Item_Outlet_Sales

18.WRITE a query to show ALL DATA IN ascending BY Item_Type

19.WRITE a query to show DATA OF item_type dairy & Meat

20.WRITE a query to show ALL UNIQUE value OF Outlet_Size

21.WRITE a query to show ALL UNIQUE value OF Outlet_Location_Type

22.WRITE a query to show ALL UNIQUE value OF Outlet_Type

23.WRITE a query to show count NO. OF item BY Item_Type AND ordered it IN descending

24.WRITE a query to show count NO. OF item BY Outlet_Size AND ordered it IN ascending

25.WRITE a query to show count NO. OF item BY

26.WRITE a query to show count NO. OF item BY Outlet_Type AND ordered it IN descending

27.WRITE a query to show count of item BY Outlet_Location_Type AND ordered it IN descending

28.WRITE a query to show maximum MRP BY Item_Type

29.WRITE a query to show minimum MRP BY Item_Type

30.WRITE a query to show minimum MRP BY Outlet_Establishment_Year AND ordered it IN descending

31.WRITE a query to show maximum MRP BY Outlet_Establishment_Year AND ordered IN descending

32.WRITE a query to show average MRP BY Outlet_Size AND ordered IN descending

33.WRITE a query to show average MRP BY Outlet_Size

34.WRITE a query to show Average MRP BY Outlet_Type AND ordered IN ascending

35.WRITE a query to show maximum MRP BY Outlet_Type

36.WRITE a query to show maximum Item_Weight BY Item_Type

37.WRITE a query to show maximum Item_Weight BY Outlet_Establishment_Year

38.WRITE a query to show minimum Item_Weight BY Outlet_Type

39.WRITE a query to show average Item_Weight BY Outlet_Location_Type ORDER BY descending

40.WRITE a query to show maximum Item_Outlet_Sales BY Item_Type

41.WRITE a query to show minimum Item_Outlet_Sales BY Item_Type

42.WRITE a query to show minimum Item_Outlet_Sales BY Outlet_Establishment_Year

43.WRITE a query to show maximum Item_Outlet_Sales BY Outlet_Establishment_Year ordered BY descending

44.WRITE a query to show average Item_Outlet_Sales BY Outlet_Size AND ORDER it itn descending

45.WRITE a query to show average Item_Outlet_Sales BY Outlet_Size

46.WRITE a query to show average Item_Outlet_Sales BY Outlet_Type

47.WRITE a query to show maximum Item_Outlet_Sales BY Outlet_Type

48.WRITE a query to show total Item_Outlet_Sales BY

49.WRITE a query to show total Item_Outlet_Sales BY Item_Type

50.WRITE a query to show total Item_Outlet_Sales BY

51.WRITE a query to show total Item_Outlet_Sales BY Item_Fat_Content

52.WRITE a query to show maximum Item_Visibility BY Item_Type

53.WRITE a query to show Minimum Item_Visibility BY Item_Type

54.WRITE a query to show total Item_Outlet_Sales BY Item_Type but ONLY WHERE Outlet_Location_Type IS Tier 1

55.WRITE a query to show total Item_Outlet_Sales BY Item_Type WHERE Item_Fat_Content IS ONLY Low Fat & LF