

# AGRIM - Business Analyst Assignment

Please list your assumptions wherever Applicable

1

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2

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3

Write a query to identify how much contribution does each transaction has on overall Customer Spends. Example - Transaction A contributes to 5% of Total Spends of Customer A(1 Point)

Transaction ID	Transaction Date	Product ID	Qty	MRP	Sale Price	Store Number
AX123345	01/01/2023	123423523	6	1,985	1,862	A22
AX123355	01/01/2023	124341234	4	1,957	1,923	A22
AX123344	01/01/2023	234235634	3	1,094	1,038	A34
AX123333	01/01/2023	234234234	4	1,631	1,574	A35
AX123255	01/01/2023	435356544	8	1,653	1,583	A35

```
select Customer_ID, Transaction_ID , (Sales_Price/sum(Sales_Price)*100 as Percentage_Contribution
from Table_Name group by customer_ID
```

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Write a query to identify the Total Discount given by Company to each Customer(1 Point)

Transaction ID	Transaction Date	Product ID	Qty	MRP	Sale Price	Store Number
AX123345	01/01/2023	123423523	6	1,985	1,862	A22
AX123355	01/01/2023	124341234	4	1,957	1,923	A22
AX123344	01/01/2023	234235634	3	1,094	1,038	A34
AX123333	01/01/2023	234234234	4	1,631	1,574	A35
AX123255	01/01/2023	435356544	8	1,653	1,583	A35

```
select Customer_ID, sum(MRP- Sale Price) as Total_Discount from Table_Name group by Customer;
```

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Write the Query to identify Average Daily Revenue of Each Store(1 Point)

Transaction ID	Transaction Date	Product ID	Qty	MRP	Sale Price	Store Number
AX123345	01/01/2023	123423523	6	1,985	1,862	A22
AX123355	01/01/2023	124341234	4	1,957	1,923	A22
AX123344	01/01/2023	234235634	3	1,094	1,038	A34
AX123333	01/01/2023	234234234	4	1,631	1,574	A35
AX123255	01/01/2023	435356544	8	1.653	1.583	A35

```
select store_number, Transaction Date, avg(Sale_Price) as Average Daily Revenue from Table_Name
group by Store_Number, Transaction Date;
```

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Write a query to identify Average Daily Spend of a Customer(1 Point)

Transaction ID	Transaction Date	Product ID	Qty	MRP	Sale Price	Store Number
AX123345	01/01/2023	123423523	6	1,985	1,862	A22
AX123355	01/01/2023	124341234	4	1,957	1,923	A22
AX123344	01/01/2023	234235634	3	1,094	1,038	A34
AX123333	01/01/2023	234234234	4	1,631	1,574	A35
AX123255	01/01/2023	435356544	8	1.653	1.583	A35

```
select Customer_ID , Transaction_Date, avg(Sale Price) from Table_name group by Customer_ID ,
Transaction_Date ;
```

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