**Rafik’s kitchen Expenses Analysis – 2022**

**Over-Viewing the data**

SELECT \* FROM [Expenses 2022]

**KPI’s Analysis**

1. **Total Expenses**

SELECT FORMAT(SUM(PAID),'C','EN-IN') AS TOTAL\_EXPENSES FROM [Expenses 2022]

**OUTPUT:**

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1. **Monthly Expenses**

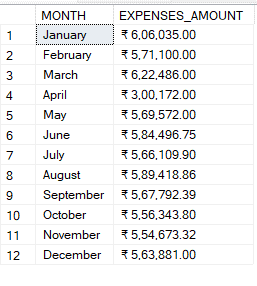
SELECT DATENAME(MONTH,DATE) AS MONTH,

FORMAT(SUM(FINAL\_AMOUNT),'C','EN-IN') AS EXPENSES\_AMOUNT

FROM [Expenses 2022] GROUP BY DATEPART(MONTH,DATE),DATENAME(MONTH,DATE)

ORDER BY DATEPART(MONTH,DATE)

**OUTPUT:**



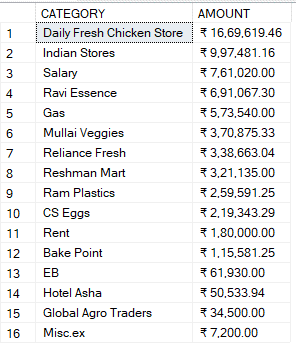
1. **Categorical Expenses**

SELECT EXPENSES AS CATEGORY, FORMAT(SUM(FINAL\_AMOUNT),'C','EN-IN') AS AMOUNT

FROM [Expenses 2022] WHERE FINAL\_AMOUNT <> 0

GROUP BY EXPENSES ORDER BY SUM(FINAL\_AMOUNT) DESC

**OUTPUT:**



1. **Total Credit Amount & Percentage of Credit Purchase**

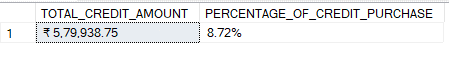
SELECT FORMAT(SUM(CARRY\_FORWARD), 'C', 'EN-IN') AS TOTAL\_CREDIT\_AMOUNT,

FORMAT(SUM(CARRY\_FORWARD) \* 100 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]), 'N2')

+ '%' AS PERCENTAGE\_OF\_CREDIT\_PURCHASE

FROM [Expenses 2022]

**OUTPUT:**



1. **Credit Amount & Percentage by Category**

SELECT EXPENSES, FORMAT(SUM(CARRY\_FORWARD), 'C', 'EN-IN') AS CREDIT\_AMOUNT,

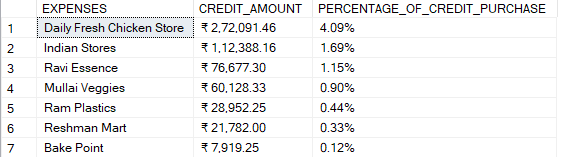
FORMAT(SUM(CARRY\_FORWARD) \* 100 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]), 'N2')

+ '%' AS PERCENTAGE\_OF\_CREDIT\_PURCHASE FROM [Expenses 2022] WHERE CARRY\_FORWARD <> 0

GROUP BY EXPENSES

ORDER BY PERCENTAGE\_OF\_CREDIT\_PURCHASE DESC

**OUTPUT:**



1. **Monthly Credit Amount & Percentage of Credit Purchase**

SELECT DATENAME(MONTH,DATE) AS MONTH,

FORMAT(SUM(CARRY\_FORWARD), 'C', 'EN-IN') AS CREDIT\_AMOUNT,

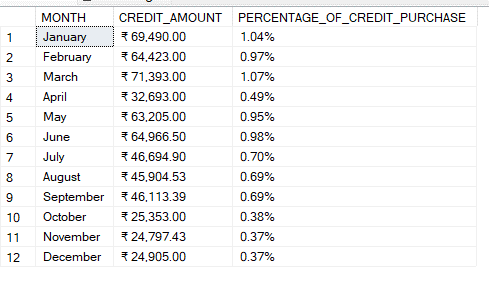
FORMAT(SUM(CARRY\_FORWARD) \* 100 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]) 'N2')

+ '%' AS PERCENTAGE\_OF\_CREDIT\_PURCHASE FROM [Expenses 2022]

GROUP BY DATEPART(MONTH,DATE),DATENAME(MONTH,DATE)

ORDER BY DATEPART(MONTH,DATE)

**OUTPUT:**



1. **Yearly Expenses for Salary, Rent, EB and Percentage of Selected Expenses**

SELECT EXPENSES AS CATEGORY, FORMAT(SUM(FINAL\_AMOUNT), 'C', 'EN-IN') AS AMOUNT,

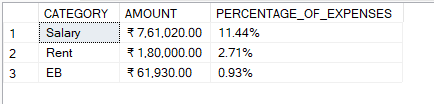
FORMAT(SUM(FINAL\_AMOUNT) \* 100.0 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]), 'N2')

+ '%' AS PERCENTAGE\_OF\_EXPENSES FROM [Expenses 2022]

WHERE EXPENSES IN ('SALARY', 'RENT', 'EB')

GROUP BY EXPENSES ORDER BY EXPENSES DESC;

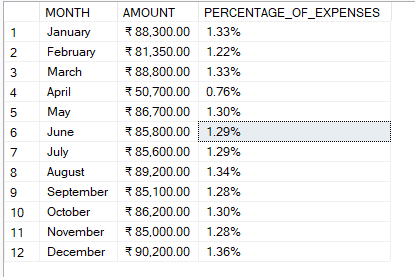
**OUTPUT:**

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1. **Monthly Expenses for Salary, Rent, EB & Percentage of Selected Expenses**

SELECT DATENAME(MONTH,DATE) AS MONTH, FORMAT(SUM(FINAL\_AMOUNT), 'C', 'EN-IN') AS AMOUNT, FORMAT(SUM(FINAL\_AMOUNT) \* 100.0 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]), 'N2') + '%' AS PERCENTAGE\_OF\_EXPENSES FROM [Expenses 2022] WHERE EXPENSES IN ('SALARY', 'RENT', 'EB') GROUP BY DATEPART(MONTH,DATE),DATENAME(MONTH,DATE) ORDER BY DATEPART(MONTH,DATE)

**OUTPUT:**

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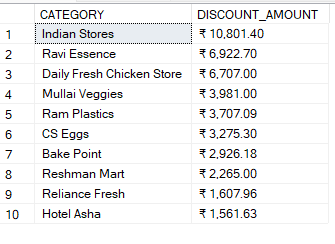
1. **Total Discount Amount by Category**

SELECT EXPENSES AS CATEGORY, FORMAT(SUM(DISCOUNT),'C','EN-IN') AS DISCOUNT\_AMOUNT

FROM [Expenses 2022] WHERE DISCOUNT <> 0 GROUP BY EXPENSES

ORDER BY SUM(DISCOUNT) DESC

**OUTPUT:**

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1. **Percentage of Discount by Category**

SELECT EXPENSES AS CATEGORY,

FORMAT(SUM(DISCOUNT) \* 100 / (SELECT SUM(FINAL\_AMOUNT) FROM [Expenses 2022]),'N2')

+ '%' AS PERCENTAGE\_OF\_DISCOUNT

FROM [Expenses 2022] WHERE DISCOUNT <> 0

GROUP BY EXPENSES ORDER BY PERCENTAGE\_OF\_DISCOUNT DESC

**OUTPUT:**

