1.1)

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Groceries'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Entertainment'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Groceries'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Transportation'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Dining Out'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'clothing'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Bills'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Other'

GROUP BY category;

SELECT category, SUM(amount) AS total\_spent

FROM expenses

WHERE category = 'Travel'

GROUP BY category;

1.2)

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='groceries'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Entertainment'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='groceries'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Transportation'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Entertainment'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Dining'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Clothing'

GROUP BY category;

SELECT category, AVG(amount) AS total\_spent

FROM expenses

WHERE category ='Other'

GROUP BY category;

**Bonus Challenge**

SELECT category, SUM(amount) total\_spent

FROM expenses

GROUP BY category

ORDER BY total\_spent DESC

LIMIT 3;