

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;
```