

```
===== Smart Expense Tracker =====
1. Add Expense
2. View Summary
3. Filter by Category
4. Generate Report
5. Visualize Data
6. Exit
Enter choice: 1
Enter date (YYYY-MM-DD): 2005-05-19
Enter amount: 10000
Enter category (Food/Transport/Utilities/Entertainment/Other): Food
Enter description: Food Type
Expense added successfully

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Enter choice: 2

Expense Summary
Total Expense: 25350236.31
Average Expense: 2534.010026989204

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Enter choice: 3
Enter category: Food
      Date    Amount Category Description
9       3/1/2023   4754.46   Food  Food expense
21      11/11/2023  1548.64   Food  Food expense
36       3/5/2023   2448.35   Food  Food expense
37      5/4/2025   3068.69   Food  Food expense
47      5/10/2024  1959.64   Food  Food expense
...        ...
9984     8/16/2023  1022.56   Food  Food expense
```

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...     ...     ...     ...  
9984    8/16/2023   1022.56    Food  Food expense  
9987    10/30/2023   3131.09    Food  Food expense  
10001   2005-05-19   5000.00    Food   Food Type  
10002   2005-05-19   10000.00   Food   Food Type  
10003   2005-05-19   10000.00   Food   Food Type
```

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[1484 rows x 4 columns]
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```
Enter choice: 4
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```
Expense Report
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```
Category
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```
Education      3536541.30  
Entertainment  3448778.89  
Food          3791353.05  
Health         3619021.90  
Shopping       3696456.08  
Transport      3689639.05  
Utilities      3568446.04
```

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Name: Amount, dtype: float64
```

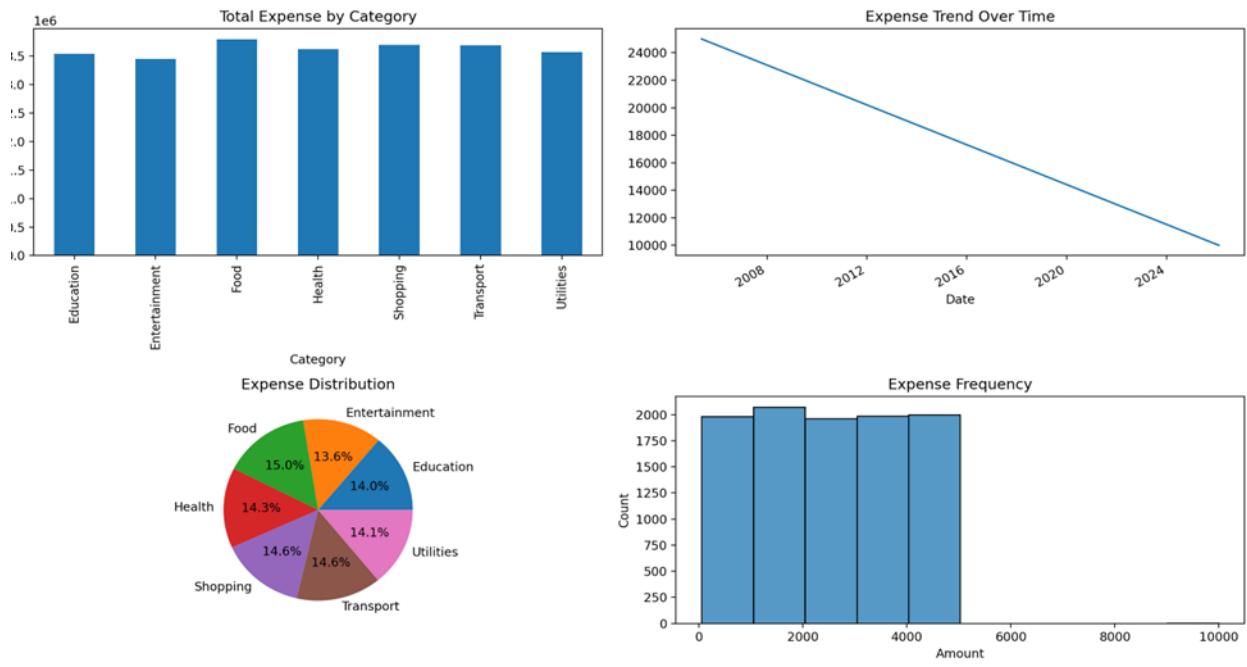
```
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```
Enter choice: 5
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```
Enter choice: 5
```

```
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```
Enter choice: 6
```

```
Exiting...
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```
PS C:\Users\princ> █
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