```python
import copy
import csv
import ast
import pandas as pd
from tabulate import tabulate
```

✓ 0.0s Python

```python
expenses = []
def salary():
    return int(input('Enter your Salary'))
salary = salary()
balance = copy.deepcopy(salary)
```

✓ 3.5s Python

```python
def add_expense():
    global balance
    date = input('Enter the date in DD-MM-YYYY format')
    category = input('Enter the category like travel, food etc')
    amount = int(input('Enter the amount which you spent'))
    description = input('Enter the description')
    if salary >= amount:
        ### {'date': date, 'category': category, 'amount': amount, 'description': description}
        expenses.append(
            [date, category, amount, description]
        )
        print(f"Expense added successfully : {amount}")
        return amount
    else:
        print(f"You don't have budget as your balance is {balance}")
```

✓ 0.0s Python

```python
def save_expenses():
    try:
        with open("expenses.csv", "w") as file:
            writer = csv.writer(file)
            writer.writerow(['Date', 'Category', 'Amount', 'Description'])
            writer.writerows(expenses)
    except Exception as exp:
        print(exp)
    finally:
        if 'file' in locals() or not file.closed:
            file.close()
            print('file closed')
```

✓ 0.0s Python

```python
def view_expences():
    total_expenses = 0;
    with open("expenses.csv", "r") as file:
        content = csv.reader(file)
        cleaned_data = []
        for row in content:
            if len(row) == 1:
                cleaned_row = ast.literal_eval(row[0])  # convert the single string back to list
                cleaned_data.append(cleaned_row)
            else:
                if len(row):
                    cleaned_data.append(row)
    return cleaned_data
```

✓ 0.0s Python

```python
def view_expenses():
    csv_data = copy.deepcopy(view_expences())
    data_without_header = csv_data[1:]
    headers = csv_data[0]
    print(f"Your Salary : {salary}")
    print(tabulate(data_without_header, headers=headers, tablefmt="grid"))
```

✓ 0.0s Python

```python
def track_budget():
    print(f"Your Current Balance : {balance}")
```

✓ 0.0s Python

```python
userchoice = int(input("Enter your chocie"))
global balance
match userchoice:
    case 1:
        print(balance)
        if salary >= balance:
            balance = balance - add_expense()
    case 2:
        save_expenses()
        view_expenses()
    case 3: track_budget()
    case 4: save_expenses()
    case _:
        exit
```

✓ 2.5s Python

```
file closed
Your Salary : 100000
+------------+------------+----------+------------------------------+
| Date       | Category   |   Amount | Description                  |
+============+============+==========+==============================+
| 16-06-2025 | food       |     5000 | lunch with family and friends |
+------------+------------+----------+------------------------------+
| 16-06-2025 | travel     |    45800 | paris visit                  |
+------------+------------+----------+------------------------------+
```

```python
            balance = balance - add_expense()
    case 2:
        save_expenses()
        view_expenses()
    case 3: track_budget()
    case 4: save_expenses()
    case _:
        exit
```

✓ 1.7s Pytho

```
Your Current Balance : 49200
```