# ServiceNow Demo File: Family Expenses Calculation

This demo file provides a sample dataset and calculation examples for managing family expenses in ServiceNow. The dataset can be imported or manually created in a custom ServiceNow table called 'Family Expense'. It demonstrates how to calculate totals, category-wise breakdowns, and monthly expense tracking.

## 1. Family Expense Table Fields

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Description |
| Date | Date | Expense date |
| Category | Choice | Type of expense (Food, Rent, Utilities, etc.) |
| Amount | Currency | Expense amount |
| Paid By | String | Person who paid |
| Notes | String | Optional details |

## 2. Demo Family Expenses Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Category | Amount | Paid By | Notes |
| 2025-01-02 | Food | 50 | John | Groceries |
| 2025-01-05 | Transport | 20 | Mary | Bus pass |
| 2025-01-10 | Rent | 800 | John | Monthly rent |
| 2025-01-12 | Utilities | 120 | Mary | Electricity bill |
| 2025-01-15 | Entertainment | 60 | John | Movie & snacks |
| 2025-01-20 | Food | 45 | Mary | Dinner out |
| 2025-01-25 | Transport | 30 | John | Taxi fare |
| 2025-01-28 | Food | 55 | Mary | Weekly groceries |

## 3. Expense Calculations

Example calculations from the sample data:

|  |  |
| --- | --- |
| Calculation | Result |
| Total Expenses | $1,180 |
| Food Total | $150 |
| Transport Total | $50 |
| Rent Total | $800 |
| Utilities Total | $120 |
| Entertainment Total | $60 |
| Expenses Paid by John | $940 |
| Expenses Paid by Mary | $240 |

## 4. Reports & Dashboards

In ServiceNow, create reports to visualize expenses:  
- Pie chart by category  
- Bar chart by person who paid  
- Monthly totals trendline  
  
These reports help in understanding spending distribution and making financial decisions.