

- Package: ExpenseTrackerAndAnalysis

It will help users who want to get some insights into their spending habits from their credit card statements. This package will help them add expenses, categorize them, and aggregate them in different ways.

- Sub-Package: Data

- Module1: Store Data

- add_expenses: Either add csv file [only td bank is supported] or add individual expense
 - show_expenses: prints out all the expenses so the user can see it
 - export_expenses: export the expenses into a new csv file
 - delete_expenses: delete all the expenses

- Module2: Categorize Data

- categorize_all {store the categories into dict}
 - categorize_item: Categorize a specific type of expense
 - update_category: Update a category name
 - delete_category: Delete a specific category not the expenses.

- Sub-Package: Analysis

- Module1: Search

- search_date: shows transactions from a user inputed day/month/year
 - search_category: shows transactions from user imputed category
 - search_amount: shows transactions from user inputed range of spending amount

- Module2: Totals

- income_expense_ratio: shows the user the ratio of their spending vs their income (input by user)

- `category_percentage`: shows the percentage of every category in total expenses
- `category_average`: outputs the monthly averages of every category over a specified range of months