

Excel Assignment 2

Explanation of Formulae Used and Where	
Sum	Used in column P and row 18 to sum up the total individual annual expense and total monthly expenses respectively
Average	Used in column Q and row 19 to find average of the individual annual expense and monthly expenses respectively
Sumifs	Sumif has been used in B26:B36 to sum monthly expenses if greater particular individual expense exceeds 5600 / Sumifs used in E26:E36 to find out specific expense amount only if exceeding 5000
Averageifs	Averageif/ifs has been used in D26:D36/F26:F36 to average individual annual expenses if greater than 5000 in any month
Countifs	Countif used in F26:F36 counts rows only if the entry of a row for a particular month exceeds 500
If	G26:G36, checking that expense rates for Jan 21 exceed 5000 or not
IFS	H26:H37 checking if total annual expense rate exceed 80000 with 2 conditions. Also applied in I26:I37
Match	B43:B53 match used to find position of max rate of expense in whole year 2021, the position eventually gave us the month.
Index	C43:C45 index was used to find the value of the maximum expense rate in 2021.
Vlookup	B60:B71 to categorize the total monthly expense as either high, medium, low / C60:C71 expense value in 4th month.
Trim	Trim used in cell B6 to trim white spaces
Concatenate	Concatenation is done in Row 76 to find total monthly expense of dining and medical
Macros	Macro has been assigned to a button and has a shortcut ctrl+b which has reference of expenses mentioned in column F85 onwards, it finds annual total and average of a expense
Spaklines	Inserted in Row 18 and Column O to show variation of monthly and annual individual expense respectively.