BUSI 201 Business Data Analysis

Quiz #3: Functions

Spring 2025

INSTRUCTIONS:

- Your grade will be based on the correct application of Excel functions and formulas.

- Read each prompt carefully before attempting to answer any of the questions.

- Save/rename the workbook to `LoginID-quiz3.xlsx`. LoginID is your Monmouth College ID.

- Once you are finished, submit your answers as an attachment (files shared using SharePoint will not be graded) via email to `BPARK@monmouthcollege.edu`.

- Double-check your submission email for your attached file, file name, and recipient's email address, as you will not be permitted to submit or update your solutions past the in-class deadline.

Problem #1. Revenue and Transaction by Agent

	Alice	Bob	Charlie	David	Eve
Total Revenue			A		
# of Transcations			B		

1.A Fill in the Red Box: A by calculating the total revenue recorded by each sales agent. For instance, cell M3 should display the total sales generated by `Alice`, which can be found in the provided data.

1.B Fill in the Blue Box: B by determining the number of transactions recorded by each sales agent. For instance, cell M4 should display the total number of transactions that `Alice` completed in the provided data.

Problem #2. Revenue by Agent and Region

Total Revenue	Alice	Bob	Charlie	David	Eve
North					
East			A		
South					
West					

2.A Fill in the Red Box: A by calculating the total revenue recorded by each sales agent in each region. For instance, cell M7 should display the total sales generated by `Alice` in the region `North`, which can be found in the provided data.

Problem #3. Transaction Details

TID	Date	Agent	Units	Revenue	Product_Name
483			A		

3.A Cell L13 will randomly display a transaction ID (`TID`). Write functions to fill in the Red Box: A by retrieving and displaying the details of the corresponding transaction. For instance, cell M13 should display the transaction date.

Problem #4. Top Revenue Transactions

Rank	Revenue	Product ID	Product Name
1			
2			
3	**A**	**B**	
4			
5			

4.A Fill in the Red Box: A with the revenue values of the top five highest-grossing transactions. For instance, cell M16 should display the revenue from the transaction that generated the highest revenue.

4.B Fill in the Blue Box: B by retrieving and displaying the details of the corresponding transaction. For instance, cell N16 should display the product ID of the transaction with the highest revenue.

- Original Score: _____

- Original Date: _____

- Recovered Score: _____

- Recovered Date: _____