



- Name: _____
 - Date: _____
 - Section: 09:00 ~ 09:50
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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. Transaction Details

TID	Date	Agent	Units	Revenue	Product_Name
300			A		

- 1.A Cell L3 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 M3 should display the transaction date.

Problem #2. Revenue and Quantity Traded by Category

	Clothing	Electronics	Entertainment	Furniture	Food
Average Revenue			A		
Total Units			B		

- 2.A Fill in the **Red Box: A** by calculating the average revenue recorded by each sales agent. For instance, cell M6 should display the average revenue from sales of Clothing, which can be found in the provided data.
- 2.B Fill in the **Blue Box: B** by determining the total quantity of items sold by each sales agent. For instance, cell M7 should display the total number of units sold for Clothing, as recorded in the provided data.

Problem #3. Revenue by Category and Region

Total Revenue	Clothing	Electronics	Entertainment	Furniture	Food
North					
East					
South					
West			A		

- 3.A Fill in the **Red Box: A** by calculating the total revenue recorded by each category in each region. For instance, cell M10 should display the total sales generated by sales of Clothing in the region North, which can be found in the provided data.

Problem #4. Top Revenue Transactions

Rank	Revenue	Units	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 number of units sold in the transaction with the highest revenue.

• Original Score: _____

• Recovered Score: _____

• Original Date: _____

• Recovered Date: _____