UCSC

Assignment - 02
ENH 1202 - Application Laboratory

Instructions

- **Do the following questions using LibreOffice Calc.**
- **Write the answers to the question and take the necessary screenshots for proof.**
- **Create a PDF file that includes screenshots and answers.**
- **Rename the file using your temporary index number (Eg. 230011.pdf) and upload it in the given link.**

Task 1: Product Rating Summary

You are required to create a product review summary using LibreOffice Calc.

Product Name	Customer 1	Customer 2	Customer 3	Customer 4	Customer 5
Product A	5	4	5	4	5
Product B	4	4	4	4	4
Product C	3	3	3	3	4
Product D	2	2	3	2	2
Product E	5	5	4	5	5

A. Calculate the Average Rating for each product by adding a new column named "Average Rating" next to the customer ratings, and use the AVERAGE() function to find the average of the 5 customer ratings for each product.

B. Assign a Grade to each product by adding a new column named "Grade" next to the average rating, and use the IF() function to classify each product as Excellent

(average ≥ 4.5), Good (average ≥ 4.0), Average (average ≥ 3.0), or Poor (average < 3.0) based on its average rating.

C. Calculate the Rank of each product by adding a new column named "Rank" and using the RANK() function to rank the products in descending order based on their average rating, so that the highest-rated product gets rank 1.

Task 2: Attendance Percentage Calculator

A. Create a student attendance sheet by constructing a table with columns labeled "Student Name" and "Day 1" through "Day 30". Use "P" to indicate present and "A" to indicate absent for attendance entries.

B. Count the number of days each student was present by using the COUNTIF() function to count how many times "P" appears across the 30 days for each student.

C. Calculate the Attendance Percentage for each student by dividing the number of presents by 30 and multiplying by 100, using the formula: (Presents / 30) * 100.

D. Display a remark next to the attendance percentage by using the IF() function to show "Low Attendance" if the value is less than 75%, and leave it blank otherwise.