



MS2001 Business Data Management

MAY 2024 Term

Week 1 - Graded Assignment 1

Tasks to do:

1. Add a column next to Language and name it as Lang-Adj and in this column, the value should be the marks from the language column multiplied by 4.
2. Add a row at the end called Avg to contain the column averages of Maths, Physics, Chemistry and Lang-Adj.
3. Add another row to have the maximum score each of the above columns.
4. Add another row to have the minimum score each of the above columns.
5. Add a column called 'Total_Avg_Marks' to have the average score of Maths, Physics, Chemistry and Lang-Adj.
6. Add a column called Grade which contains the grade using the logic, if Total_Avg_Marks is greater than or equal to 90, then A grade. if total marks is greater than or equal to 75 and less than 90, then B grade. if total marks is greater than or equal to 60 and less than 75, then C grade. if total marks is greater than or equal to 50 and less than 60, then D grade. if total marks is greater than or equal to 35 and less than 50, then E grade. if total marks is lesser than 35, then F grade.
7. Use VLOOKUP along with the table in Sheet 2 to give the grade description in the next column.

Questions:

1. What is the maximum score achieved in Maths? **(INT)**
2. What is the minimum score achieved in Physics? **(INT)**
3. What is the average score achieved in Chemistry? **(2D)**
4. What is the average score achieved in Lang_Adj? **(2D)**

Use COUNTIFS function to find:

5. Find the total number of MECH department students who got a D grade. **(INT)**
6. Find the total number of CS department students who got C grade. **(INT)**