



**ACADGILD**

# SESSION 6: EXCEL ANALYTICS (CONTD.)

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## Assignment 1

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## 1. Introduction

This assignment will help you understand the concepts learnt in the session.

## 2. Objective

This assignment will test your skills on the concepts of Excel analytics.

## 3. Prerequisites

Not applicable.

## 4. Associated Data Files

You should form a table on a worksheet titled “class list” that includes the names and test scores of your students. You have 7 students in your class, their names are: Allen, Borlin, Catlin, Dorsey, Eugene, Finneran, and Greco. Their scores on the first 3 tests are as follows:

	Test 1	Test 2	Test 3
Allen	Test 89	Test 78	Test 89
Borlin	Test 67	Test 56	Test 66
Catlin	Test 78	Test 76	Test 76
Dorsey	Test 56	Test 34	Test 45
Eugene	Test 26	Test 100	Test 99
Finerran	Test 99	Test 98	Test 97
Greco	Test 78	Test 87	Test 88

## 5. Problem Statement

- Using an Excel function, show each student’s average in an additional column labeled “Average”
- Using an Excel function, show each student’s rounded average in an additional column labeled “Rounded Average”
- If a student’s rounded average is above “95”, he/she has received “honors” in the class. In an additional column titled “Honors”, insert a function that will return the word “Yes” if they have received honors, otherwise would return the word “No”

- If a student's rounded average is 90 or greater, they receive an "A". Between 80 and 90 is a "B", between 70 and 80 is a "C", between 60 and 70 is a "D", and lower than 60 is an "F". Somewhere on your sheet, enter this information in cells. Create an additional column titled "Grade" and insert a nested IF function that returns the appropriate grade for each student. Use absolute cell references in your nested IF function to indicate cut-off points between grades. Hint: You will need to place the "cut-off grade" values in cells somewhere on your worksheet.

### 6. Expected Output

N/A

### 7. Approximate Time to Complete Task