جامعة الفرات الاوسط التقنية /المعهد التقني سماوة
قسم تقنيات المحاسبة

المحاضرة 18 , 17 ,16

العنوان: معادلات الـ Excel

اسم المادة / تطبيقات الحاسوب

المرحلة الدراسية / الثانية

العام الدراسي / 2022 -2023

استاذ ة المادة

طارق سمير

قسم التقنيات المحاسبية

Excel

المرحلة الثانية

المحاضرة 16-17-18: الأكسل المعادلات

Microsoft Office Excel 2007

مادة تطبيقات الحاسبات

1/30/2019

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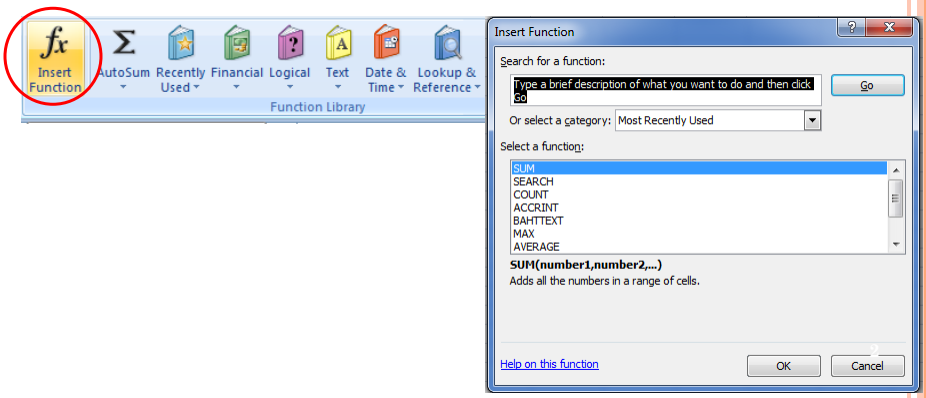
Insert Functions

- There are two way to insert the function?

1. Functions can be typed directly into a cell
2. On the Formulas tab, in the Function Library group we can use Insert Function button and select a range.



1/30/2019

Insert Functions

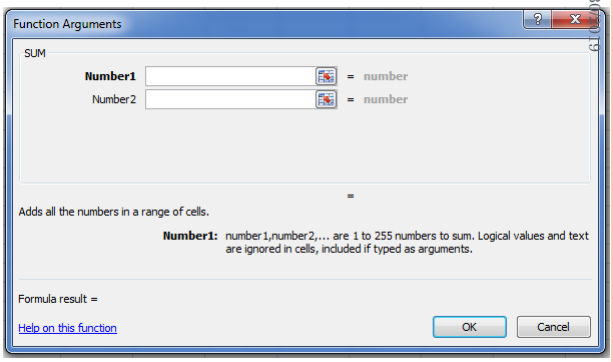
❑ Sum function

	A	B
1	1	
2	2	
3	3	
4	4	
5		

=SUM(A1,A3) → 4

=SUM(A1:A3) → 6

=SUM(A1,A3,4) → 8



Insert Functions

❑ Count

1. Count counts the number of cells in a range that contain numbers.
2. CountA counts the number of cells that are not empty.
3. CountBlank counts the empty cells in a range.

Insert Functions

❑ Average & Round

- Average adds a list of numbers and divides by the number of numbers in the list.
- Round rounds a number to a specified number of digits.

	A	B
1	Formula	Description (Result)
2	=ROUND(2.15, 1)	Rounds 2.15 to one decimal place (2.2)
3	=ROUND(2.149, 1)	Rounds 2.149 to one decimal place (2.1)
4	=ROUND(-1.475, 2)	Rounds -1.475 to two decimal places (-1.48)
5	=ROUND(21.5, -1)	Rounds 21.5 to one decimal place to the left of the decimal point (20)

1/30/2019

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Insert Functions

❑ Maximum & Minimum

- Maximum finds and displays the maximum number in the list.
- Minimum finds and displays the minimum number in the list.

	A
1	Data
2	10
3	7
4	9
5	27
6	2

Formula	Description (Result)
=MAX(A2:A6)	Largest of the numbers above (27)
=MAX(A2:A6, 30)	Largest of the numbers above and 30 (30)

	A
1	Data
2	10
3	7
4	9
5	27
6	2

Formula	Description (Result)
=MIN(A2:A6)	Smallest of the numbers above (2)
=MIN(A2:A6,0)	Smallest of the numbers above and 0 (0)

1/30/2019

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