



## Module 8 : CORREL Function

### 8.1 CORREL Function

**The CORREL function in Excel will display the correlation coefficient between two sets of data.**

You can then use CORREL to determine the relationship between the two properties. For example, you can see the relationship between the average temperature in an area and the sales of air conditioners. The data returned will be between 0 and 1, with 1 being a perfect positive correlation, or 0 and -1 with -1 being a perfect negative correlation.

Correlation can also be displayed in percentages, by selecting the formatting option of the cell.

The formula is written as: **=CORREL(array1, array2)** *Array1 - Required. A cell range of values. Array2 - Required. A second cell range of values.*

CORREL functions are most often used when you wish to output a graph.

### 8.2 Video Instruction

**CORREL Function - 2m 51s**

### 8.3 Task

*Estimated Time: 10 minutes*

Download the worksheet below, follow the video and you will see how the results are reached for the CORREL function.

[Download Worksheet](#)

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