Day 4

HOMEWORK

The Power Modeling Bootcamp: Advanced Excel in 10 days

If you think more than one answer is plausible, select the best one. Good luck!

Time allocated: 15 minutes

Name the function that does the following:

Q1.

Looks for a value in the top row of a table and returns the value in the same column from a row you specify.

Q2.

Returns the reference to a single cell or a range of cells that is a specified number of rows and columns from a cell or range of cells.

Q3.

Returns the reference specified by a text string.

Q4.

Searches for a specified item in a range of cells, and then returns the relative position of that item in the range.

Q5.

Returns the value or reference to the value of the specified row and column of a table or range.

Q6.

Which combination of functions can be used as a substitute for Vlookup or Hlookup?

a. Choose and Indirect
b. Offset and Index
c. Index and Match
d. None of the above

Q7.

You are using a Match function and you type only the first two arguments, i.e. you skip the third one, then the function will:

a. Return the smallest value that is greater than or equal to the lookup value
b. Return the first value that is exactly equal to the lookup value
c. Return the largest value that is less than or equal to the lookup value
d. None of the above

Q8.

You are using an Index function and you type only the first two arguments, i.e. you skip the third one. The function will return:

a. The first cell in the column
b. The entire column
c. The first cell in the row
d. The entire row

Q9.

What will the result of the following function be? OFFSET(A1,3,2,1,4)

a. The range D3:D6
b. The value in cell C4
c. The range C4:F4
d. A #VALUE! error unless used in an array formula

Q10.

Is there a function that can be used to simplify the following formula: =IF(B3=1, 100, IF(B3=2, 200, IF(B3=3, 300, NA()))))?

a. No
b. Yes, the Vlookup function

c. Yes, the Index function
d. Yes, the Choose function

Please refer to Homework Day 4.xlsx for the next question.

Q11.

Under Store and Quarter create lists that allow you to choose a store and a quarter (Q_1, Q_2, Q_3, or Q_4). Use some of the functions you have learned to calculate the total sales of a store for a given quarter.

Hint: Four of the functions you know are involved in the formula for Total Sales!

This is how your solution is supposed to look: