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eTool Challenge

Learning Evaluation

Learning Evaluation Excel [Q4]



Please answer the following questions

Ref. 1. The question sentence presents to row 19

Ref. 2. Characters and numbers are given from A5 to E16

Ref. 3. You must solve the problem with function offered in the question sentence

Team	selling amount of each season				Total	Evaluation
	Spring	Summer	Fall	Winter		
1Team	250	200	250	650	1350	
2Team	350	350	350	350	1400	
3Team	650	700	300	500	2150	
4Team	700	520	400	700	2320	
5Team	100	120	110	450	780	
6Team	650	650	650	650	2600	
7Team	190	220	200	600	1210	
8Team	400	350	360	350	1460	
9Team	350	450	350	450	1600	
10Team	560	450	520	470	2000	

(1) If the amount of selling is more than 500 and there is no entry less than 150, then fill the entry with "Good". If not, fill the empty cell to "Bad".

Learning Evaluation Excel [Q4]



Answer and explanation

Step1

Ref. 1. The question sentence presents to row 19
 Ref. 2. Characters and numbers are given from A5 to E16
 Ref. 3. You must solve the problem with function offered in the question sentence

Team	selling amount of each season				Total	Evaluation
	Spring	Summer	Fall	Winter		
1Team	<code>=IF(AND(OR(B7>=500,C7>=500,D7>=500,E7>=500), AND(B7>=150, C7>=150, D7>=150, E7>=150)),"Good","Bad")</code>					
2Team	350	350	350	350	1400	
3Team	650	700	300	500	2150	
4Team	700	520	400	700	2320	
5Team	100	120	110	450	780	
6Team	650	650	650	650	2600	
7Team	190	220	200	600	1210	
8Team	400	350	360	350	1460	
9Team	350	450	350	450	1600	
10Team	560	450	520	470	2000	

- If any one of the figures is "true," the function "OR" produces the "true" figure as the outcome. If all of the figures are "false," the function produces the "false" figure as the outcome.
- If all of the figures are "true," the function "AND" produces the "true" figure as the outcome. If any one of the figures is "false," the function produces the "false" figure as the outcome.
- The function "IF" can produce the outcome, depending on the condition, that is, depending on "true" or "false" figures.

Learning Evaluation Excel [Q4]



Answer and explanation

Step2

Ref. 1. The question sentence presents to row 19
 Ref. 2. Characters and numbers are given from A5 to E16
 Ref. 3. You must solve the problem with function offered in the question sentence

Team	selling amount of each season				Total	Evaluation
	Spring	Summer	Fall	Winter		
1Team	=IF(AND(OR(B7>=500,C7>=500,D7>=500,E7>=500), AND(B7<=150, C7<=150, D7<=150, E7<=150)),"Good","Bad")					
2Team	350	350	350	350	1400	
3Team	650	700	300	500	2150	
4Team	700	520	400	700	2320	
5Team	100	120	110	450	780	
6Team	650	650	650	650	2600	
7Team	190	220	200	600	1210	
8Team	400	350	360	350	1460	
9Team	350	450	350	450	1600	
10Team	560	450	520	470	2000	

- If there is a quarter whose sales volume is
 (1) no less than 500 (1) (use the OR function) and is not
 (2) less than 150 (use the AND function), derive "high," and if not, derive "low"
 for the sales performance. (IF, OR, AND Functions)
- As the conditions of (1) and (2) are both satisfied, the two should be
 integrated with the (3)AND function.
- When the figure is "true," derive "high." When the figure is "false," derive
 "low."