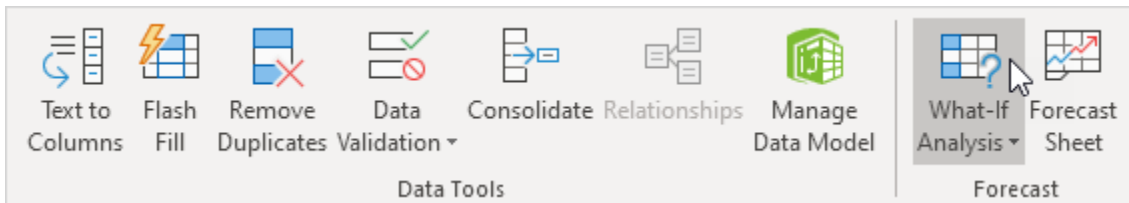


## Lesson no. 16: What If Analysis-Goal Seek

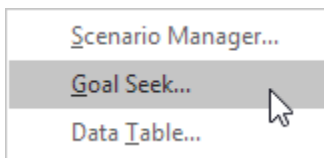
### Goal Seek

What if you want to know how many books you need to sell for the highest price, to obtain a total profit of exactly \$4700? You can use Excel's Goal Seek feature to find the answer.

1. On the Data tab, in the Forecast group, click What-If Analysis.



2. Click Goal Seek.



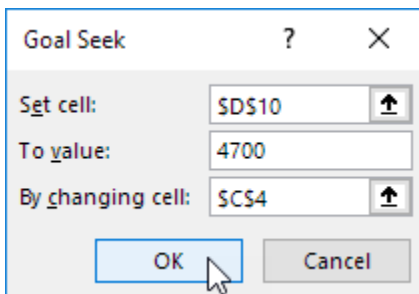
The Goal Seek dialog box appears.

3. Select cell D10.

4. Click in the 'To value' box and type 4700.

5. Click in the 'By changing cell' box and select cell C4.

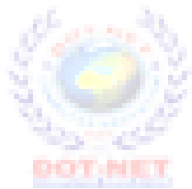
6. Click OK.



Result. You need to sell 90% of the books for the highest price to obtain a total profit of exactly \$4700.

	A	B	C	D	E
1	<b>Book Store</b>				
2					
3		total number of books	% sold for the highest price		
4		100	90%		
5					
6			number of books	unit profit	
7		highest price	90	\$50	
8		lower price	10	\$20	
9					
10			total profit	\$4,700	
11					

Note: visit our page about **Goal Seek** for more examples and tips.



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