Advance Excel



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.

Ģ E	2	$\overline{\mathbf{x}}$			eke E			, <mark>7</mark>
Text to	Flash	Remove	Data	Consolidate	Relationships	Manage	What-If	Forecast
Columns	Fill	Duplicates	Validation 🔻			Data Model	Analysis 🕶	Sheet
Data Tools						Forecast		

2. Click Goal Seek.

<u>S</u> cenario Manage	<u>S</u> cenario Manager			
<u>G</u> oal Seek	N			
Data <u>T</u> able	63			

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.

Goal Seek	? ×		
S <u>e</u> t cell:	SD\$10 1		
To <u>v</u> alue:	4700		
By <u>c</u> hanging cell:	SCS4 🛨		
OK Cancel			

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

C	3	\bullet : $\times \checkmark f_x$	=B4*(1-C4)		
	А	В	С	D	Е
1 Book Store		Store			
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.

