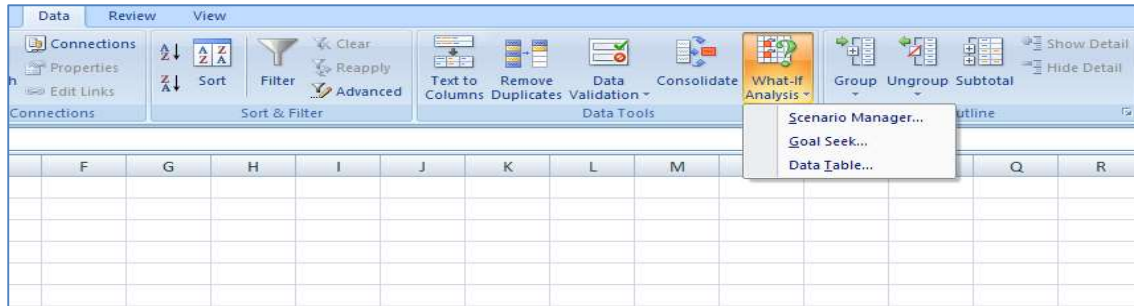


PRACTICAL: 5

Aim: Apply the what-if analysis for data visualization. Design and generate necessary reports.



Goal Seek:

You have to sell sugar at the price of 40rs for 500kg , so its total will be 20,000rs , if we have given a target value of 30,000rs , as what will be the price of sugar if the total value is 30,000rs for 500kg. With the help of Goal Seek we will find out the price of sugar.

Step 1:

	A	B	C	D	E
1	Price	40			
2	Qty(kg)	500		Target	30000
3					
4	Total	20000			
5					

Step 2:

Price	40
Qty(kg)	500
Total	20000

Goal Seek

Sgt cell: \$B\$4

To value: 30000

By changing cell: \$B\$1

OK Cancel

Output:

	A	B	C
1	Price	60	
2	Qty(kg)	500	
3			
4	Total	30000	
5			

[illegible]

Scenario Manager:

You have an electronic shop, where you sell electronic components, now you have to sell the components at high prices of 50rs and low prices of 50rs. To show the customer you have to make a price list for both the prices. For that we will use Scenario Manager for both price scenarios.

1. For original price:

	A	B	C	D	E	F	G	H
1	Material	Cost		<div>Scenario Values</div> <div>Enter values for each of the changing cells.</div> <div>1: \$B\$2 50</div> <div>2: \$B\$3 20</div> <div>3: \$B\$4 45</div> <div>4: \$B\$5 15</div> <div>5: \$B\$6 60</div> <div>OK Cancel</div>				
2	Hard Disk	50						
3	RAM	20						
4	VGA Card	45						
5	Video Card	15						
6	Mother Board	60						
7								
8	Total Cost	190						
9								
10								
11								

2. For highest price:

	A	B	C	D	E	F	G	H
1	Material	Cost		<div>Scenario Values</div> <div>Enter values for each of the changing cells.</div> <div>1: \$B\$2 55</div> <div>2: \$B\$3 25</div> <div>3: \$B\$4 50</div> <div>4: \$B\$5 20</div> <div>5: \$B\$6 65</div> <div>OK Cancel</div>				
2	Hard Disk	55						
3	RAM	25						
4	VGA Card	50						
5	Video Card	20						
6	Mother Board	65						
7								
8	Total Cost	215						
9								
10								
11								

	A	B	C	D	E	F	G	H
1	Material	Cost		Scenario Values				
2	Hard Disk	45		Enter values for each of the changing cells.				
3	RAM	15		1:	\$B\$2	45		
4	VGA Card	40		2:	\$B\$3	15		
5	Video Card	10		3:	\$B\$4	40		
6	Mother Board	55		4:	\$B\$5	10		
7				5:	\$B\$6	55		
8	Total Cost	165		<input type="button" value="OK"/> <input type="button" value="Cancel"/>				
9								
10								
11								

	A	B	C	D	E	F	G	H
1								
2		Scenario Summary						
3			Current Values:	Original price	Lowest Price	Highest Price		
5		Changing Cells:						
6		\$B\$2	50	50	45	55		
7		\$B\$3	20	20	15	25		
8		\$B\$4	45	45	40	50		
9		\$B\$5	15	15	10	20		
10		\$B\$6	60	60	55	65		
11		Result Cells:						
12		\$B\$8	190	190	165	215		
13		Notes: Current Values column represents values of changing cells at						
14		time Scenario Summary Report was created. Changing cells for each						
15		scenario are highlighted in gray.						