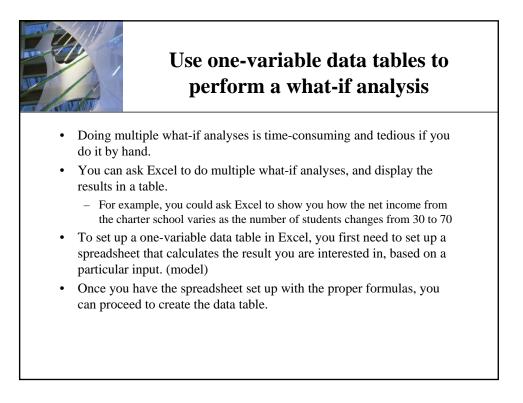




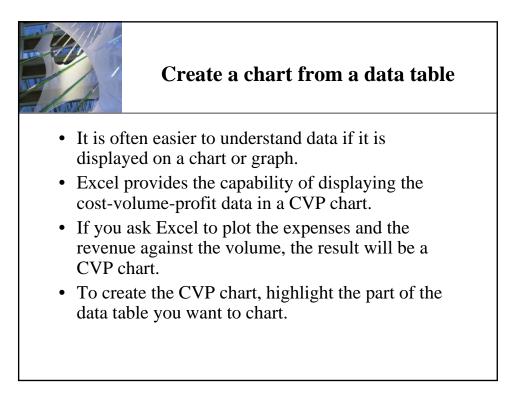
Data Tables - organize and display results of what-if analysis

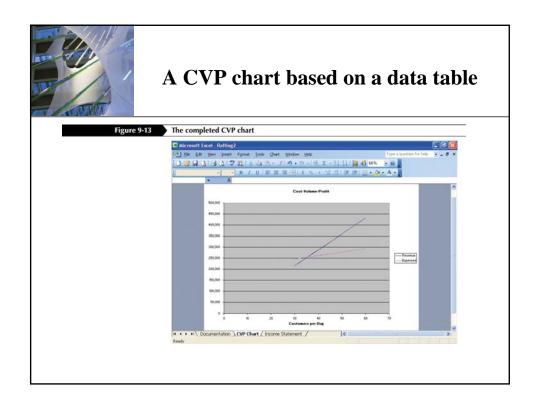
Two types of data tables:

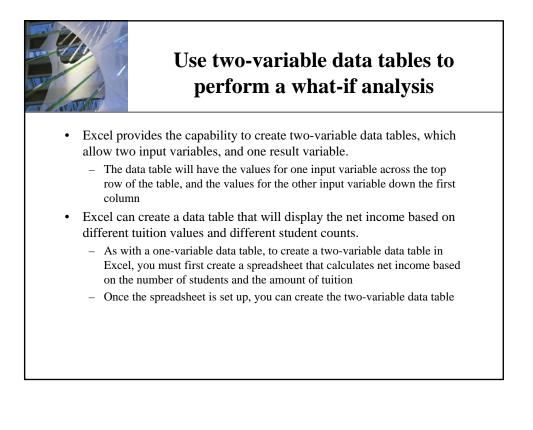
- One-variable: allows single input but unlimited number of formulas
- Two-variable: Allows two input variables, but only one formula
- Input cells contain values you want to modify
- Result cells contain values you want to examine

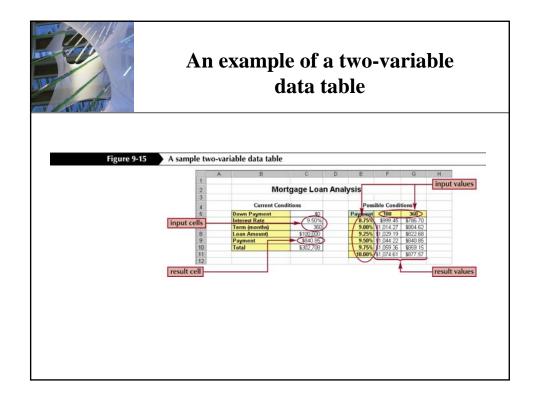


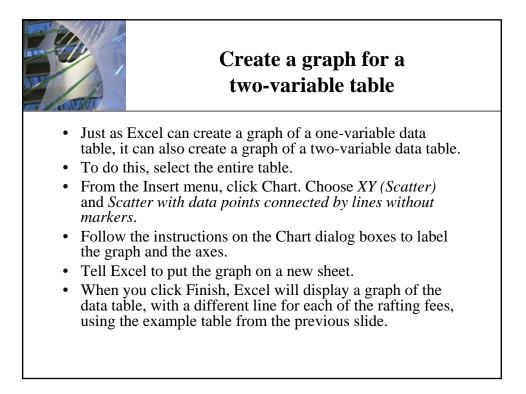
An example of a one-variable data table								
					F	ormatted da	ta table 🖌	Figure 9-11
Microsoft Excel - Rafting2							6	
Image: Ball Ball		e -19			100% • 4		#×	
D5 • 1 Customers	B	С	D	E	F	G H	-	
Front Range Rafting Income Statement Seasonal Estimates						break-er	ven	
5 Season Information			Customers		Expenses			
6 Length of Season (days) 7 Avg. Number of Customers (per day)	120		50 30	360,000 216,000	278,000 246,800	82,000		
8 Total Number of Customers	6,000		32		249,920	(19,520)		
9			34	244,800	253,040	(8,240)		
10 Revenue			36	259,200	256,160	3,040		
11 Fee per Customer 12 Total Revenue	60 \$ 360,000		38	273,600 298,000	259,280 262,400	14,320 25,600		
13	000,000		40	302,400	262,400	36,880		
14 Variable Expenses	3		44		268,640	48,160		
15 Expense per Customer	3		46	331,200	271,760	59,440		
16 River Usage Tax per Customer	10		48	345,600	274,890	70,720		
17 Total Variable Expenses	\$ 78,000		50	360,000	278,000	82,000		
18 19 Fixed Expenses	-		52			93,280 104,560	-	
20 Insurance	10.000		56	403,200	287,360	115.840		
21 Maintenance	25,000		58			127,120		
22 Salary and Benefits	95,000			432,000		138,400		
23 Administrative & Advertising	35.000		1				~	

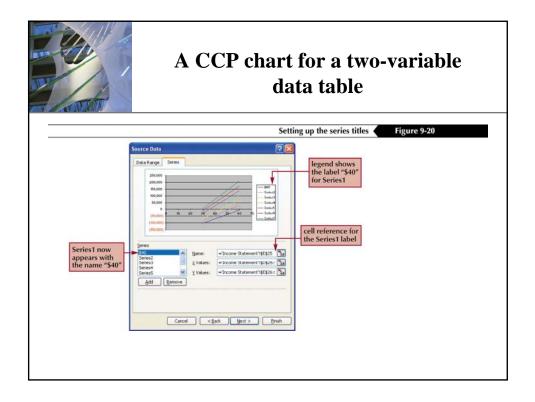


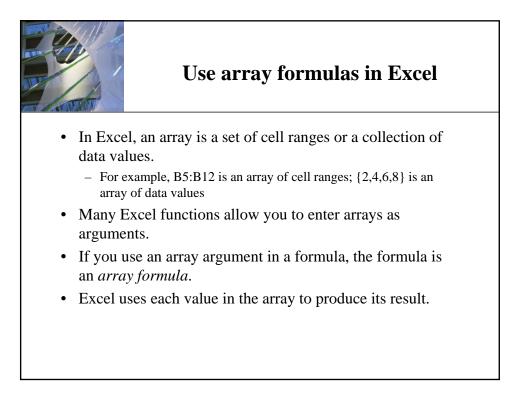


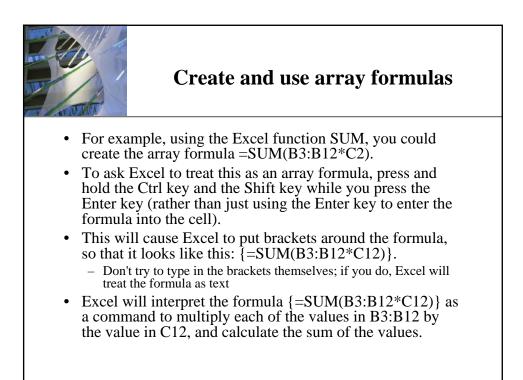


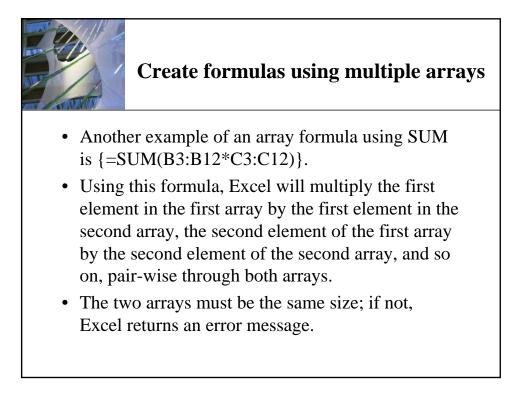


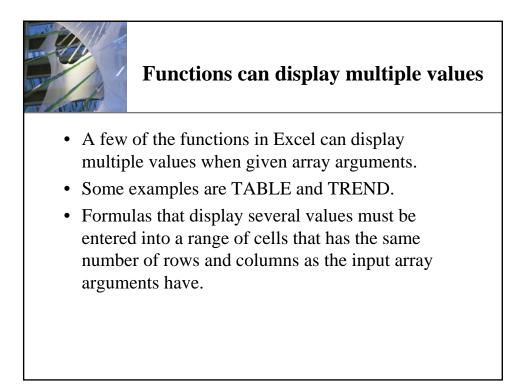


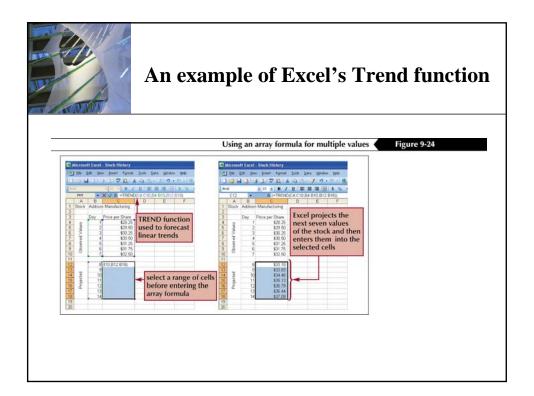






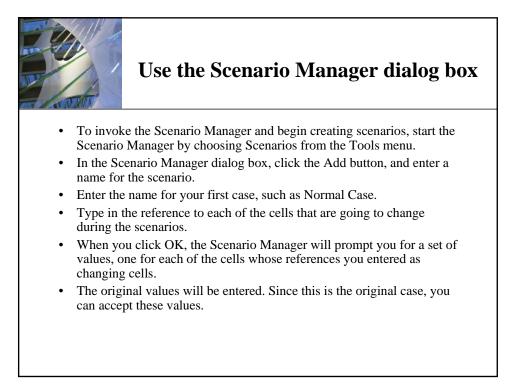


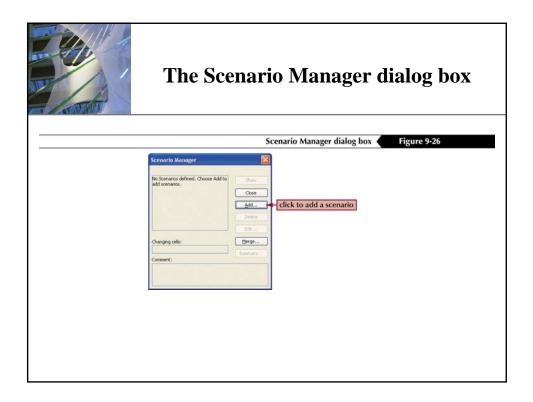


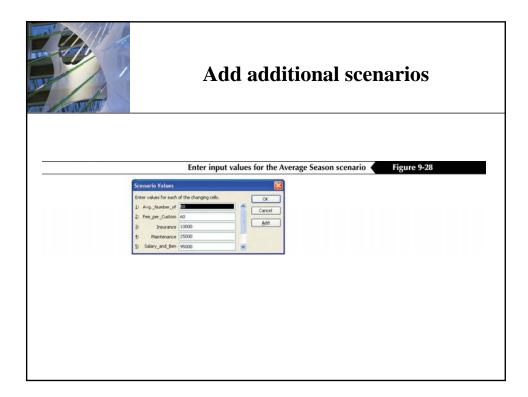


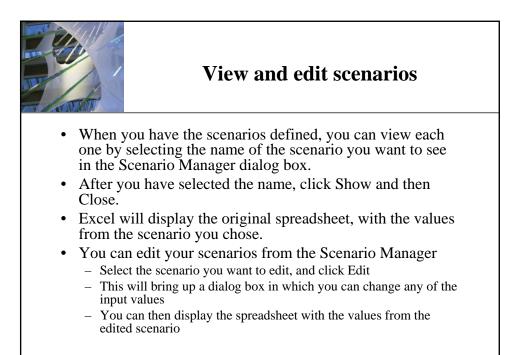
Create scenarios to perform what-if analyses

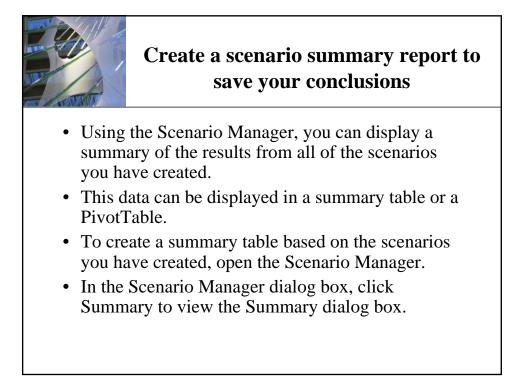
- To perform what-if analyses with more than two input variables, you have to use *scenarios*, which are:
 - A set of values that Excel can put into a worksheet
 - Created based on existing spreadsheets in Excel
- You use the Scenario Manager to set up and view different scenarios.
- Once you have the spreadsheet with one set of values, you can create several scenarios with different values.
- As you view each scenario, Excel uses the values in the scenario as input to calculate the results.



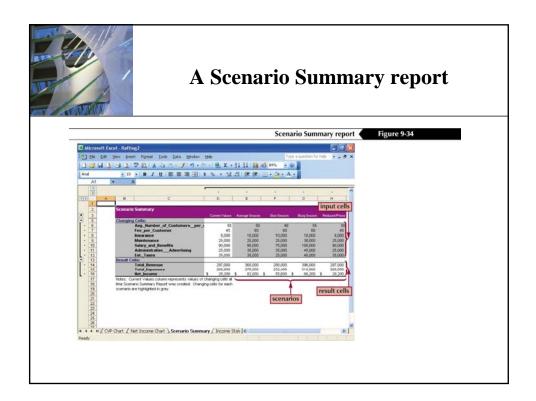


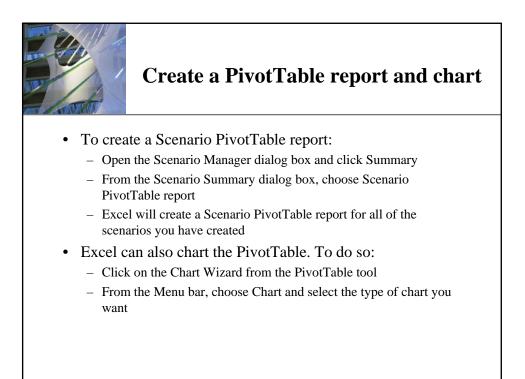






The Scenario Summary dialog box
Scenario Summary
Report type Scenario <u>s</u> ummary Scenario <u>P</u> ivotTable report Result cells:
B28:B30 Stancel





Formatted PivotTable report	Figure 9-36
🗄 Microsoft Excel - Rafting?	
[1] Bie Lat Yew Insert Format Loois Data Window Help Γγρεαιουποίοτητείο - δ × 1 3 μ μ μ μ μ το τη το	
And +10 + B Z U 服業電道 5 %,這個 使用 +00 + A +	
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A B C D E F G H I J	
2	
3 Result Cells 4 Scenarios VIotal Revenue Total Expenses Net Income	
Average Seaton \$360,000 \$278,000 \$22,000	
6 Busy Season \$396,000 \$315,800 \$80,200	
7 Reduced Prices \$297,000 \$288,800 \$28,200	
8 Stow Season \$288,000 \$232,400 \$55,600	
10	