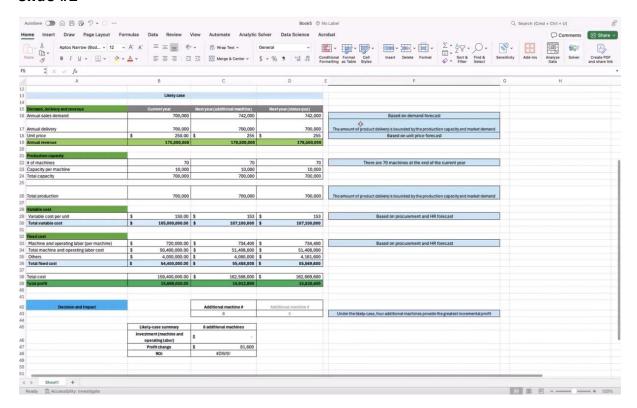
M8L1b. Scenario Analysis (Simulation Method)

Slide #1



Now, we are going to use Scenario Manager to analyze different investment scenarios for the manufacturing company.

Slide #2



Adjust the number of additional machines to four.

Click the Data tab in the ribbon.

Click What-if Analysis and select Scenario Manager.

When the Scenario Manager dialog box appears, click the Add button.

For the scenario name, enter Likely Case.

Enter the fixed range of cells, from B8 to B11, in the Changing Cells box.

These cells should correspond to the Sales Demand Growth, Unit Price Growth, Material Price Growth, and Fixed Cost Price Growth.

Click OK.

Repeat the process to add scenarios for the worst case and best case.

Click add scenario.

Enter worst case in the scenario name box.

Enter the fixed range of cells from B8 to B11 in the changing cells box.

Click OK.

Repeat steps A to D for best case.

When all scenarios have been entered and the Scenario Manager dialog box appears, click Summary.

In the Scenario Summary dialog box, select Scenario Summary.

Enter C48 in the result cells box.

This cell should contain the overall profit or performance metric you want to analyze across scenarios.

Click OK.

Rename the sheet as Summary 4 Machines.

To get the summary 2 machines, adjust the number of additional machines to 2, then repeat steps 2 to 9.

By following these steps, we can effectively use Scenario Manager to evaluate the investment decisions and prepare for the uncertainties in the upcoming year.