

Finance and Banking

Scenario & Sensitivity Analysis - Advanced Excel Professional Program

Curriculum

Program Outline

Stage 1: Fundamentals of Scenario & Sensitivity Analysis

1. **Introduction to Scenario Analysis:** Understand the basics of scenario planning in Excel.
2. **Core Financial Modeling Concepts:** Grasp key modeling principles for better financial analysis.
3. **Importance of Sensitivity Analysis:** Learn why sensitivity analysis is critical for decision-making.
4. **Overview of Excel Functions for Analysis:** Explore essential Excel functions for data analysis.

Stage 2: Advanced Modeling Techniques

5. **Building Dynamic Financial Models:** Create flexible models to adapt to changing data.
6. **Using Data Tables for Analysis:** Analyze data efficiently using single and two-variable tables.
7. **Solver and Goal Seek Techniques:** Optimize outcomes with Solver and Goal Seek tools.

8. **Gravity Sort Tables and Tornado Charts:** Visualize data impact using advanced charting techniques.

Stage 3: Practical Applications

9. **Real-World Case Studies:** Apply concepts to solve complex business scenarios.
10. **Creating Presentation-Ready Reports:** Transform data into professional reports.
11. **Simulation and Risk Analysis Techniques:** Perform simulations to assess risk impact.

Stage 4: Capstone Project

12. **Comprehensive Financial Model Development:** Build an end-to-end financial model.
13. **Final Presentation and Feedback:** Present your work and receive expert feedback.

Elective Modules

14. **Advanced Data Visualization Techniques:** Learn innovative ways to visualize data.
15. **Dashboard Creation in Excel:** Create interactive dashboards for business reporting.
16. **Business Intelligence Tools Integration:** Integrate Excel with BI tools for advanced analytics.

Websites:

- <https://chools.in/>
- <https://ramaqchools.com/>
- <https://www.choolsgroup.com/>