

# **Finance and Banking**

## **Real Estate - Understanding Financial Modeling**

### **Curriculum**

#### **Program Outline**

##### **Module 1: Introduction to Real Estate Financial Modeling**

- Basics of building financial models for real estate projects.

##### **Module 2: Excel Modeling for Real Estate I**

- Techniques for using Excel to build financial models.

##### **Module 3: Excel Modeling for Real Estate II**

- Advanced Excel modeling techniques for real estate.

##### **Module 4: Revenue and Expense Estimation I**

- Basics of estimating revenues, expenses, and cash flows.

##### **Module 5: Revenue and Expense Estimation II**

- Advanced techniques for revenue and expense estimation.

##### **Module 6: Capital Structure Incorporation I**

- Basics of incorporating debt financing, equity funding, and capital structure.

##### **Module 7: Capital Structure Incorporation II**

- Advanced techniques for capital structure incorporation.

##### **Module 8: Sensitivity Analysis I**

- Basics of performing sensitivity analysis.

### **Module 9: Sensitivity Analysis II**

- Advanced sensitivity analysis techniques.

### **Module 10: Scenario Analysis I**

- Basics of performing scenario analysis.

### **Module 11: Scenario Analysis II**

- Advanced scenario analysis techniques.

### **Module 12: Monte Carlo Simulation I**

- Introduction to Monte Carlo simulation.

### **Module 13: Monte Carlo Simulation II**

- Advanced techniques for Monte Carlo simulation.

### **Module 14: Decision-Making Support I**

- Using financial models to support decision making, valuation, and deal structuring.

### **Module 15: Decision-Making Support II**

- Advanced techniques for decision-making support.

### **Module 16: Financial Modelling Ethics**

- Understanding and applying ethical standards in financial modeling.

#### **Websites:**

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