



PerixAnalytic

ADVANCED PROGRAMS IN

**FINANCE • ECONOMICS • DATA • AI •
DECISION-MAKING**

Where Questions Cross Disciplines:

PerixAnalytic explores questions that cross disciplinary boundaries. The objective is not simply to acquire another technique. It is to understand why the technique exists, what it can reveal, where its assumptions begin to matter, and where its explanatory power ends.



Course 01

THE ARCHITECTURE OF AN ASSUMPTION

Financial Modeling, Valuation & the Logic Behind the Number

Every financial model begins before the first formula is written. It begins with an assumption about a future that has not yet occurred. Growth, margins, capital expenditure, financing, discount rates, terminal value, and risk are transformed into mathematical structures that eventually produce a number called *value*.

This course examines that transformation. Participants explore how financial and economic assumptions become models—and how apparently minor changes in those assumptions can propagate through a valuation.

Perspectives

- Financial Economics
- Mathematical Structure
- Financial Modeling
- Valuation
- Risk & Return
- Quantitative Analysis

Model Laboratory

Economic Assumption → Financial Structure → Model → Valuation → Sensitivity → Decision

The laboratory focuses on DCF valuation, cost of capital, growth assumptions, terminal value, scenario analysis, and sensitivity to key inputs.



Central Question

If the answer changes when the assumption changes, what exactly did the model tell us?



Format: Applied Finance Course

Level: Intermediate / Advanced

Audience: Finance professionals, analysts, investors, students