QUANTS

Maths

Probability and Statistics
linear algebra
Calculus

Econometrics

Regression Analysis
Time series Analysis
Panel Data Analysis
Cointegration
Volatility Modelling
Forecasting

Quantitative Finance

Algorithm Trading
High Frequency Trading
Statistical Arbitrage
Portfolio Optimization
Backtesting
Risk & Money Management

Programming

C++, Python

Finance

options & futures
Risk Management
Financial Modelling
Capital Asset Pricing Model
Asset & Derivative Pricing

↓

Derivatives Pricing

- finite difference methods
- • Black Scholes model
  • Binomial options pricing model
- Pricing derivatives