Economic Forecasting Techniques

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Paris (France)



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Why This Course

In an increasingly uncertain global economy, accurate economic forecasting is essential for strategic planning, investment decisions, and policy formulation. Organizations and governments rely on reliable forecasts to anticipate trends, allocate resources, and mitigate risk.

Economic Forecasting Techniques equips participants with the tools, models, and analytical approaches used by leading economists, analysts, and financial institutions. The program combines economic theory, data analytics, and real-world applications to enable participants to interpret economic signals, build predictive models, and translate forecasts into actionable insights.

What You'll Learn and Practice

By joining this program, you will:

- Understand the principles and role of economic forecasting in decision-making.
- Learn key quantitative and qualitative forecasting methods.
- Develop skills in interpreting macroeconomic indicators and datasets.
- Apply econometric models for short- and long-term forecasting.
- Analyze the impact of policy, trade, and financial variables on economic outcomes.
- Build practical forecasting models using data-driven techniques.

The Program Flow

Day 1: Fundamentals of Economic Forecasting

- The role of forecasting in economic policy and business strategy.
- Types of forecasts: short-term, medium-term, and structural.
- Overview of data sources: GDP, inflation, employment, and monetary indicators.
- Case study: forecasting during periods of economic uncertainty.

Day 2: Data Analysis and Model Foundations

- Principles of time-series data and trend identification.
- Stationarity, seasonality, and cyclical patterns.
- Introduction to regression analysis and model selection.
- Workshop: preparing and visualizing economic data for forecasting.



Day 3: Quantitative Forecasting Techniques

- Moving averages, exponential smoothing, and ARIMA modeling.
- Econometric forecasting and dynamic modeling techniques.
- Scenario and sensitivity analysis for policy simulation.
- Practical exercise: building and testing an ARIMA model using historical data.

Day 4: Advanced and Applied Forecasting Approaches

- Multivariate models: VAR, cointegration, and error correction models.
- Leading indicators and composite indexes.
- Forecasting exchange rates, inflation, and interest rates.
- Group project: constructing an integrated macroeconomic forecast.

Day 5: Communicating Forecasts and Managing Uncertainty

- Interpreting forecast results for strategic decision-making.
- Dealing with uncertainty, volatility, and model limitations.
- Effective communication of forecast findings to executives and stakeholders.
- Future trends: AI, big data, and machine learning in economic forecasting.
- Action workshop: presenting a forecast-driven business or policy strategy.

Individual Impact

- Gain the ability to analyze and interpret economic data with precision.
- Strengthen analytical and modeling skills for applied forecasting.
- Develop confidence in building and evaluating economic forecasts.
- Improve strategic thinking and data-driven decision-making capabilities.

Work Impact

- Enhance forecasting accuracy to support policy and business planning.
- Strengthen institutional capacity in risk assessment and economic analysis.
- Improve financial and strategic resilience through predictive insight.
- Foster a culture of analytical rigor and evidence-based decision-making.

Training Methodology

This program combines practical analytics, modeling exercises, and scenario-based learning to ensure real-world applicability. Learning methods include:

- Interactive workshops on data analysis and model development.
- Case studies from government, financial, and corporate sectors.
- Guided exercises using real macroeconomic datasets.
- Forecasting simulations and scenario-planning sessions.



• Toolkits and templates for continued use after the program.

Beyond the Course

Upon completion, participants will be equipped to design and interpret economic forecasts with professional accuracy. They will leave with the tools to analyze economic trends, anticipate risks, and contribute to more informed financial, business, and policy decisions — transforming data into strategic foresight.

