€ TRAINING

Analysis of Economic Data

3 - 7 November 2025
Bangkok (Thailand)

Analysis of Economic Data

REF: F1406 DATE: 3 - 7 November 2025 Venue: Bangkok (Thailand) - Fee: 6500 Euro

Introduction:

This training program explores the key techniques and methodologies used to analyze economic data effectively. It empowers participants to interpret economic trends, make data-driven decisions, and apply quantitative methods to real-world economic problems.

Program Objectives:

By the end of this program, participants will be able to:

- Understand the principles of economic data analysis.

- Collect and organize economic data for analysis.

- Apply statistical and econometric methods to analyze economic data.

- Interpret economic trends and patterns.

- Utilize data analysis for informed economic decision-making.

Target Audience:

- Economists.

- Data analysts.

- Financial analysts.

- Policy advisors.

- Business strategists.

Program Outline:

Unit 1:

Introduction to Economic Data Analysis:

- Overview of economic data sources.

- Types of economic data: time series, cross-sectional, and panel data.

- Basic statistical concepts in economic data analysis.

- The role of data in economic decision-making.

- Ethical considerations in economic data handling.

Unit 2:

Data Collection and Organization:

- Techniques for collecting accurate economic data.

- Organizing data for analysis: data cleaning and preparation.

- Introduction to data visualization tools and techniques.

- Exploring public databases and economic indicators.

Unit 3:

Statistical Methods for Economic Data Analysis:

- Descriptive statistics and summary measures.

- Probability distributions and hypothesis testing.

- Correlation and regression analysis.

- Time series analysis and forecasting.

- Practical applications of statistical methods in economic data.

Unit 4:

Econometric Techniques:

- Introduction to econometrics and its applications.

- Linear regression models and their interpretation.

- Dealing with multicollinearity, heteroskedasticity, and autocorrelation.

- Advanced econometric methods: panel data, instrumental variables, and simultaneous equations.

Unit 5:

Interpreting and Applying Economic Data:

- Analyzing economic trends and cycles.

- Using economic data for policy analysis and forecasting.

- Data-driven decision-making in business and finance.

- Reporting economic data analysis to stakeholders.

- Continuous improvement in economic data analysis practices.