

# **Business Forecasting Techniques with EXCEL**

## **2-Day Professional Development Workshop**

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**East Asia Training & Consultancy Pte Ltd** invites you to attend a two-day professional development workshop using Excel and other proprietary forecasting software to forecast models.

### **Course Outline**

In this public course, you will learn how to forecast without data (Delphi and Expert methods), forecast with historical data (time-series, Box-Jenkins ARIMA, GARCH, time-series regression, nonlinear regression, autoregressive processes), forecast with contemporaneous data (multiple nonlinear regression, ARIMAX, principal components, stepwise regression), and forecast with comparable data or subjective assumptions (nonparametric and parametric simulation).

The course will run for 2 days and will cover the following topics:

- ARIMA Box-Jenkins and ARIMAX
- Delphi Method
- Expert Consensus Method
- Multivariate Regression
- Regression Diagnostics (multicollinearity, heteroskedasticity, autocorrelation)
- Simulation (parametric and nonparametric)
- Stepwise Regression
- Time-Series Forecasting
- Time-Series Regression

This course will be hands-on. Each participant is required to bring their own laptops.

### **Who should Attend**

The course is aimed at forecasters and researchers in: Economic Research, Model Building; Financial Modelling, Currency Strategy, Arbitrage Trading, Quantitative Investment Management, Sales & Inventory Forecasting, Traffic

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Modelling, Energy Load Forecasting, University Instruction, Audit, Statistics, Budget Analysis, Pricing Analysis, Financial Analysis, Market Research, Information Technology and Policy, Planning & Research or anybody who wishes to learn business forecasting and build models using Excel.

## Fee & Registration

The fee covers extensive course materials and databases, luncheons, receptions and the opportunity to meet and network with modellers and forecasters from various industries in Asia.

**Participants may be eligible for Financial Sector Development Fund (FSDF) support on a case by case basis. Interested applicants should submit their applications to the FSDF Secretariat directly. More details on the FSDF can be found at <http://www.mas.gov.sg>.**

**The number of participants is restricted.** Please register early to guarantee your place. Please complete the official registration form and email it to us at [administrator@eastasiatc.com.sg](mailto:administrator@eastasiatc.com.sg) to reserve your place. Further instructions will be sent to confirmed participants.