

Forecasting: Time Series Essentials

The aim of the course is to provide a practical and informed understanding of the principles of time series modeling and how this can be utilized effectively to instill greater confidence in your forecasts.

 **5**
MODULES

 **3**
QUIZZES

 **1**
CASE STUDY

 **5**
HOURS

Training Courses Designed and Delivered by J+D Forecasting, Experts in Pharmaceutical Forecasting

We love to educate, support and inject the passion we have for forecasting into our in-depth pharma forecasting training. We have digitized our face to face training so that you can complete online pharmaceutical forecasting courses at any time, any pace, any place



**LEARN ANYWHERE
LEARN ANYTIME**

Meeting all your learning needs:

Face-to-Face | Live Online Training | Onsite & Customized Training

FORECASTING: TIME SERIES ESSENTIALS

Empowering you through expert pharmaceutical forecasting solutions

Our training programs are tailored to address your specific needs, placing your success at the forefront.

FOLLOWING COMPLETION OF THE COURSE, YOU WILL HAVE THE ABILITY TO:

- 1 Identify the most appropriate time series methodology for your forecasts
- 2 Rationalize the pros and cons of the different options available to you
- 3 Understand the component parts that make up each methodology
- 4 Critically assess your resulting outputs and know when to manually intervene

About the course

All key topics will be covered to ensure a strong and comprehensive understanding of statistical trending methodologies:



Understanding time series key principles



Key considerations and approaches to modeling



Linear regression vs Holt Winters vs ARIMA vs VAR methodologies, and how to choose the correct approach



When to consider seasonality, structural breaks, recently launched products and much more, in your trend

FORECASTING: TIME SERIES ESSENTIALS

Providing participants with the knowledge to confidently apply key time series forecasting approaches.

About the course

The training is brought to life using engaging visuals, real-life examples, and a do-it-yourself case study:



30+ BITE-SIZE VIDEOS
and accompanying text walk you through the key time series principles



3 QUIZZES
test your understanding as you move through the training



2 HANDS-ON
activities, bringing the theory to life



1 CASE STUDY
to put into practice what you have learnt – one in which you can apply and interpret your own methodology selections to a forecast model

WHO WILL BENEFIT

We developed the statistical trending course for forecasters with a basic understanding of the key principles of time series modeling but keen to strengthen their knowledge base and confidence.

Case study exercise

Put your learning into practice using J+D's FC+ software:



Populate the forecast **with the historical data**

Select an appropriate time series model

Review the resulting output from a **future trend perspective**

Consider the **impact on forecast revenues**

FORECASTING: TIME SERIES ESSENTIALS

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Course outline

- Pre-training self evaluation
- Introduction to time series
- Key time series principles
- Importance of clean historical data
- Overview of time series methodologies – key considerations
- Methodology selection activity
- Case study exercise: Put your learning into practice and review and adjust the forecast
- Post-training evaluation

During this training you will have the opportunity to immerse yourself in the depths of time series modeling – from basic definitions through to practical application and interpretation.

We would encourage you to also enroll on the Fundamentals of Forecasting course to ensure a comprehensive understanding of best practice forecasting principles.



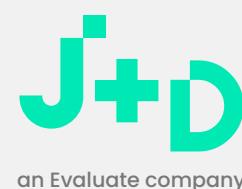
**TRAINING COURSE
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90 Days



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OWN PACE**

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J+D Forecasting,
Experts in
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