# TRAINING OFFERING

**Du kan nå oss her**

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# Specialized Models: Time Series and Survival Analysis

| CODE: | LENGTH: | PRICE: |
|---|---|---|
| W7106G | 11.04 Hours | kr4,495.00 |

## Description

This course introduces you to additional topics in Machine Learning that complement essential tasks, including forecasting and analyzing censored data. You will learn how to find analyze data with a time component and censored data that needs outcome inference. You will learn a few techniques for Time Series Analysis and Survival Analysis. The hands-on section of this course focuses on using best practices and verifying assumptions derived from Statistical Learning.

## Objectives

By the end of this course you should be able to:- Identify common modeling challenges with time series data.
- Explain how to decompose Time Series data: trend, seasonality, and residuals.
- Explain how autoregressive, moving average, and ARIMA models work.
- Understand how to select and implement various Time Series models.- Describe hazard and survival modeling approaches.
- Identify types of problems suitable for survival analysis.

## Audience

This course targets aspiring data scientists interested in acquiring hands-on experience with Time Series Analysis and Survival Analysis.

## Prerequisites

To make the most out of this course, you should have familiarity with programming on a Python development environment, as well as fundamental understanding of Data Cleaning, Exploratory Data Analysis, Calculus, Linear Algebra, Supervised Machine Learning, Unsupervised Machine Learning, Probability, and Statistics.

## Programme

1. Introduction to Time Series Analysis2. Stationarity and Time Series Smoothing3. ARMA and ARIMA Models
4. Deep Learning and Survival Analysis Forecasts

## Session Dates

| Date | Location | Time Zone | Language | Type | Guaranteed | PRICE |
|---|---|---|---|---|---|---|
| 24 Nov 2024 | | | English | Web based Training | | kr4,495.00 |

## Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.