Machine Learning for Forecasting

Instructors

Christoph Bergmeir

Senior Fellow in the Department of Computer Science and Artificial Intelligence at University of Granada, Spain

Adjunct Senior Research Fellow in the Department of Data Science and Artificial Intelligence at Monash University

Abishek Sriramulu

PhD Student,
Monash University

Register for free...

12 October 2023

10.00 am CET Time

https://f4sg.org/

Machine Learning for Forecasting

Forecasting for Social Good · Since 2020

Who is the training for?

1. Academics, data scientists, researchers, practitioners in the field, undergraduate and graduate students, researchers with a Machine Learning background interested in forecasting.

2. Newcomers to the field of time series analysis and machine learning who want to learn or expand their knowledge of forecasting

Objective of the training

1. To understand pitfalls in forecasting modelling and evaluation for people new to forecasting, but with a Data Science or Machine Learning background.

Outline of the training session

1. A brief history of Machine Learning for forecasting

2. Local and Global forecasting models

3. "Plain old ML" for forecasting

4. Deep learning for forecasting

5. Forecast evaluation

6. Probabilistic forecasting

7. Special forecasting problems

Prerequisites

1. Basic knowledge in Machine Learning

https://f4sg.org/