ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE PRESENTATION ABOUT THE WORK-PLACEMENT

Forecasting of hourly electricity prices

Tobias Lechner | Universität Klagenfurt

Chaired by Clemens Heuberger | Department of Mathematics

Wednesday, 22 September 2021 | 10:45–11:20

https://classroom.aau.at/math-stat

ABSTRACT

During my work placement at the KELAG, I mainly worked on the concept and implementation of a new method of forecasting hourly electricity prices. The goal was to use periodic regularities of the electricity market for daily, weekly and yearly periods as well as for holidays to produce a good prediction based on historic data. Additionally, it was important to include today's market prices of traded electricity products in the future as well. The final part of the project was the implementation of an interactive app that visualizes the results and checks for mistakes in the calculations.

We hope to see you there!