ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE PRESENTATION ABOUT THE WORK-PLACEMENT

My Internship at Kelag: Forecasting the Daily Natural Gas Demand

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Chaired by Albrecht Gebhardt | Department of Statistics

Tuesday, 14 October 2025 | 09:00–09:45

N.0.07

ABSTRACT

As part of my university program, I completed a six-month internship at Kelag, one of Austria's leading energy service providers. Within Kelag, I was part of of the Energy Trading Department, which manages the trading of electricity and natural gas on several European exchanges. The focus of my internship was on producing daily natural gas demand forecasts for different forecast horizons for five European countries: Austria, Germany, France, the Netherlands and Belgium. To achieve this, I created models for each of the three main consumption sectors in every country, using methods such as linear regression, additive decomposition models, and ARIMA models.

We hope to see you there!