Baris Soybilgen

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ABOUT

Experienced data scientist and economist with in-depth knowledge of machine learning models, statistical methods, and forecasting techniques. Proven track record in developing predictive models and implementing data-driven solutions across industry and academic settings. Skilled in Python, R, SQL, database tools, and cloud technologies with a passion for leveraging data to drive business decisions.

EXPERIENCE

Data Scientist — Dec 2022 - Present
Sambla Group, Stockholm, Sweden

Skills Used: Python · Google Cloud (Vertex AI, BigQuery, Cloud Build, Cloud Functions, Cloud Run) · Terraform · SQL · MongoDB · Vector Databases · Dashboard Building (PowerBI, Looker Studio, Streamlit) · Machine Learning · Statistics · Large Language Models.

Data Analyst — Jan 2022 - Dec 2022
The Governance and Local Development Institute, Gothenburg, Sweden

Skills Used: R · Python · Dashboard Building (R Shiny) · Machine Learning · Statistics.

Research Scientist — Sep 2015 - Jan 2022
The Center for Financial Studies (CEFIS), Istanbul, Turkiye

Skills Used: R · Python · SQL · Machine Learning · Statistics · Dashboard Building (Streamlit) · Economics · Quantitative Research.

Research Assistant — Oct 2010 - Aug 2015
The Center for Economic and Social Research (Betam), Istanbul, Turkiye

Skills Used: R · MATLAB · Statistics · Economics · Quantitative Research.

EDUCATION

Ph.D, Economics — Sep 2011 - June 2015
Istanbul Bilgi University, Istanbul, Turkey
Title of Doctoral Dissertation: Three Essays on Forecasting

Master of Arts, International Economics — Oct 2008 - Sep 2010
Konstanz University, Konstanz, Germany
Title of Master Thesis: How do Stock Prices Respond to Macro Shocks?

Bachelor of Science, Systems Engineering — Sep 2003 - Feb 2008
Yeditepe University, Istanbul, Turkey
Title of Final Project: Bond Portfolio Selection Using Fuzzy Multiobjective Linear Programming

Exchange Student, Industrial Engineering   **Jan 2006 - May 2006**
Montana State University, Bozeman, U.S.A

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, MATLAB.
Cloud Technologies: Google Cloud (Vertex AI, BigQuery, Cloud Build, Cloud Functions, Cloud Run).
Tools & Frameworks: Terraform, PowerBI, Looker Studio, Streamlit, Vector Databases, MongoDB.
Areas of Expertise: Machine Learning, Statistics, Economics, Quantitative Research, Time Series Analysis.

LANGUAGES

Turkish (native), English (fluent).

PUBLICATIONS

Authored 17 journal articles, 3 book chapters, and numerous research briefs.