

Mustafa Aslan

EXPERIENCE SUMMARY

Results-driven data science enthusiast with over two years of experience as a data analytics executive and a proven track record in leveraging data analysis, inferential statistics, and advanced machine learning techniques to drive strategic decision-making and enhance business performance. Currently pursuing a PhD in data-driven modeling for healthcare. Holds a master's degree in Financial Mathematics from the Institute of Applied Mathematics.

EDUCATION

PhD Research Student in Business Studies | Cardiff University, Cardiff, Wales, UK | 10/2024 – 06/2028

- PhD research project: Enhancing discharge care coordination in healthcare and social care using a probabilistic data-driven modelling approach

MSc in Financial Mathematics | Middle East Technical University, Ankara, Turkey | 09/2017 – 10/2021

- MSc thesis: Effects of Exchange Rate Volatility and Firm-Specific Features on the Rates of Returns of the Manufacturing Firms Listed in Borsa İstanbul: A CAPM Approach (Thesis link: <https://hdl.handle.net/11511/93166>)
 - Statistical&Machine learning techniques used: Markov Switching GARCH Models, ARIMA, Panel Data Econometrics, Principal Component Analysis