

HARUN BİLGE

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EDUCATION

Boğaziçi University

September 2017 – August 2025

- Department of Physics
- Focused on Computational Physics (software, statistics) and Administrative Sciences

YÖK-backed, Marmara Univ. coord., Boğaziçi–METU–ITU

September 2025 – Ongoing

- School of Data Analysis – Artificial Intelligence Module

LANGUAGES

- Turkish (Native)
- English (C2)
- German (B2)

TECHNICAL SKILLS

- Python (Pandas, Matplotlib, Numpy, Seaborn, Scipy)
- Jupyter Notebook, BigQuery, Git
- SQL (MSSQL)

- ML (Scikit-Learn)
- Power BI
- Excel
- Tableau
- Looker Studio

ADDITIONAL SKILLS

- LaTeX
- Canva
- PowerPoint

PROJECTS

- **Mobile Gaming KPI Analysis:** Analyzed mobile game performance using SQL, Python, and Power BI, focusing on retention, DAU, and monetization (IAP + Ads). Evaluated A/B test scenarios and player engagement patterns to identify retention signals and revenue drivers.
- **Retail Sales Analysis:** Analyzed retail sales data using SQL, Python, and Power BI to identify revenue drivers, seasonal trends, and discount effectiveness through KPI-driven dashboards.
- **Customer Segmentation:** Performed customer segmentation using Python (RFM analysis) and Power BI to identify high-value segments, revenue concentration, and retention opportunities.
- **Finance & Budget Analysis:** Analyzed financial performance using SQL and Power BI to track revenue, expenses, and departmental efficiency through KPI-driven dashboards.
- **HR Analytics:** Explored employee attrition with Python and basic Machine Learning models, uncovering compensation, workload, and satisfaction factors impacting retention.
- **Web Traffic Analysis:** Built a web analytics workflow with Python, SQL, and Power BI, analyzing traffic, device usage, and view-to-purchase funnel performance.

ADDITIONAL INFORMATION

Activities:

- Project Member at ICAMES, organized by ENSO (Boğaziçi University Engineering Society) – May 2022.
- Selected as the lead pianist in the Boğaziçi Jazz Orchestra as a member of BÜMK (Boğaziçi University Music Club) – 2021.
- Led the Science Division of the Arel Rover Team, playing a key role in the team's achievements in the URC & ERC competitions. (January 2020 – June 2021)