

Ates Parilti

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EDUCATION

Eindhoven University of Technology (TU/e)
B.Sc. Industrial Engineering

Eindhoven, Netherlands
Sep. 2025 – May 2028

PROJECTS

Demand Forecaster | *Python, XGBoost, SARIMA, Streamlit*

[GitHub](#)

- Developed a retail demand forecasting system using five years of sales data across 10 stores and 50 products.
- Built and evaluated XGBoost and SARIMA forecasting models using time-series feature engineering.
- Implemented stockout-risk detection and developed an interactive Streamlit dashboard to visualize forecasts and inventory-related insights.

Supply Chain & Operations Analytics Dashboard | *SQL, Python, Power BI*

[GitHub](#)

- Developed an analytics dashboard to monitor sales, inventory, and supply-chain performance.
- Used SQL and Python to clean and transform data, generate KPIs, and analyze business performance.
- Built interactive Power BI dashboards to support operational analysis and data-driven decision-making.

Dutch Student Budget Tracker | *React, Node.js, Firebase*

[GitHub](#)

- Designed and developed a full-stack personal finance application for expense tracking and budget management.
- Integrated Firebase Authentication and cloud database services for secure user management and real-time data synchronization.
- Created an interactive dashboard providing users with insights into spending habits and savings progress.

ACADEMIC PROJECTS

Engineering Ethics – AI in Higher Education

- Collaborated in a team of four to evaluate the ethical implications of generative AI adoption in higher education.
- Conducted sustainability and risk analyses and presented recommendations using engineering ethics frameworks.

TECHNICAL SKILLS

Programming: Python, SQL, JavaScript, Dart

Web & App Development: React, Node.js, Flutter, Firebase, Tailwind CSS

Data & Analytics: Power BI, XGBoost, SARIMA, Streamlit

Tools: Git, GitHub

Core Areas: Data Analytics, Demand Forecasting, Supply Chain Analytics, Operations Analytics

RELEVANT COURSEWORK

Statistics | Data Analytics | Algorithmic Programming | Business Information Systems | Financial & Managerial Accounting

ADDITIONAL INFORMATION

Languages: Turkish (C2), English (C1), Dutch (A1)

Activities & Interests: Tennis, Padel, Fitness, Personal Investing & Financial Markets, Data Analytics and Operations