Talha İsmail Dilek

Information Systems Engineering Student

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Profile

Third-year Information Systems Engineering student with a focus on analytics, data science, and distributed systems.

Experienced in SQL, Python (Pandas, NumPy), Excel, Power BI, Tableau, and cloud platforms (Azure, AWS).

Actively exploring AI/ML and distributed systems to build scalable solutions. Open to internship opportunities to contribute and grow in real-world data projects.

Education

B.Sc. in Information Systems Engineering   2022 – 2026
Mehmet Akif Ersoy University

Skills & Tools

- SQL
- Python (Pandas, NumPy)
- Excel
- Power BI
- Tableau
- Docker
- Git
- Azure / AWS
- Data Cleaning
- Data Visualization
- Data Storytelling
- Distributed Systems

Languages

- English (Fluent)
- Turkish (Native)

Projects

Amazon Web Scraper
Developed an automated Python script to extract and compile Amazon product data (title, price, timestamp), creating a structured dataset for price monitoring and trend analysis.

Crypto Data API Automation
Developed a Python script leveraging Pandas to automate the retrieval and processing of cryptocurrency data from the CoinMarketCap API, enabling automated data collection for trend tracking and analysis.

SQL Exploratory Data Analysis
Analyzed company layoff data to uncover trends in layoff totals and timings across different industries, countries, and company stages between 2020 and 2023.

Airbnb Dashboard in Tableau
Developed an interactive Tableau dashboard visualizing Seattle Airbnb data to inform pricing strategies, revenue optimization, and booking decisions.

More projects and details are available on my GitHub and portfolio website.