

# Fatih Karahan

## Data Analyst

As a passionate data scientist and analyst, I thrive on creating innovative data-driven applications, such as a house predictor app that scrapes, automates, and predicts rent prices. My strong background in data analytics, coupled with my ability to build and deploy end-to-end solutions, aligns perfectly with my ambition to drive impactful insights and digital innovation in the business and economic sectors.



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## EDUCATION

**Marmara University | Bachelor of Economic**  
06/2019 - Present / **GPA: 3.66**

**Universität Regensburg | Exchange Program – Erasmus**  
09/2021 - 07/2022

## SKILLS

### Database & Programming Languages

Microsoft SQL, PostgreSQL, MySQL, Python(Pandas, Matplotlib, Numpy, Scikit-learn), Python(Scrapy), Python(Django, Flask), Git & GitHub

### Data Analytics

Power BI, Microsoft Excel, Microsoft Power Query,

### Cloud Computing

Microsoft Azure; Cloud Concepts, Data Management and Governance and Azure Services; Virtual Machines, SQL DB and Servers, Web Apps and Serverless Function Apps.

## PROJECTS

### House Price Prediction WebApp

- Main usage: Users can go to this app and checkout an existing Craigslist house listing and see the ML model's prediction for the house rent price and gives a decision accordingly.
- About production: This app had a few stages: 1) Web Scrapping script which I have used Scrapy library. 2.) Save the data into an Azure SQL cloud Database, 3.) Deploy the web scraper script to an Azure Virtual Machine and automate the web scrapping script, Finally 4.) Prepare the Web app and deploy it by using Streamlit library.  
Links => ([WebApp](#), [GitHub](#))

### Predicting League of Legends game winner

- Main purpose: To see the determinants of a winner team. This way the players of League of Legends can get insights and play accordingly.
- About production: While building the model, I have gone through a few stages like; data preprocessing, exploratory analysis, feature selection, model selection and finally the evaluation of the model.  
Links => ([GitHub](#), [Medium](#))

### Excel Superstore Dynamic Dashboard

- Main purpose: To create a dashboard for a company's sales to analyze different matrix and make data driven decisions.
- About production: Because I had a few dimension tables and sales or fact tables for each quarter, I used star schema data modelling. In Excel, I handled data cleaning and managing in Power Query and data modeling in Power Pivot. Finally, I built the dashboard with dynamic elements and features.  
Links => ([Medium blog](#))

## CERTIFICATIONS

### [Microsoft Certified: Power BI Data Analyst Associate](#)

04/2024-Present / **Credential ID:** 5A534D07A3944405

### [Microsoft Certified: Azure Fundamentals](#)

04/2024-Present / **Credential ID:** 1F632B20F4E61003

### [DataCamp Data Analyst](#)

04/2024-Present / **Credential ID:** DA0020435722877

### [DataCamp Associate SQL](#)

03/2024-Present / **Credential ID:** SQA0016933925509

## Abroad Exchange Programs

### Exchange Program, Erasmus in Regensburg, Germany | Universität Regensburg - 09/2021 - 07/2022

I studied for two semesters at the University of Regensburg, where I immersed myself in European culture and connected with people from diverse backgrounds.

### Work and Travel | Estes Park Colorado, USA 06/2023 - 10/2023

I spent around 4 months in USA Colorado. During my work phase, I worked in a Mexican restaurant, Irisih pub, coffee shop and ice cream shop. In my Travel phase, I traveled Colorado, Dallas/Texas and New York. This program was truly a phenomenal experience. I learned a lot about American culture.