

Firat OLÇUM

DATA ANALYST

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SUMMARY

A certified **Data Analyst** and **Project Manager** with 3+ years of experience in IT. Strong track record of computational skills, data analysis, data manipulation, data visualization, predictive modeling, statistical analysis, machine learning, and business intelligence. Performed data extraction and analysis with **Python** libraries like BeautifulSoup, NumPy, Pandas, Scikit-Learn, SciPy, Matplotlib, Seaborn, and Plotly. Experienced in **SQL**, Database Modeling, Database Management System (DBMS), and **Tableau**. Able to translate results into understandable terms for the success of the organization and business decisions. Developed the Basic Performance Indicators to monitor the physical performance of the personnel and increased their performance by **41% in 2 months** by analyzing their physical characteristics.

PROJECTS

- **Car Price Prediction Exploratory Data Analysis (EDA) and Machine Learning Project (Including Model Deployment with Streamlit and AWS EC2)**: Building a price prediction model using features of cars such as make & model and body type. **Skills**: Data Cleaning, Data Wrangling, Feature Engineering and Analysis, Pandas, Seaborn, Sklearn, Streamlit
- **E-Commerce Data Profitability Analysis**: Creating a dashboard to focus on expanding profitable sub-categories and continuing trends in profitability. **Skills**: Power BI
- **State-Level COVID-19 Analysis of the United States of America**: Creating a dashboard to track COVID-19 cases in the United States. **Skills**: Tableau.
- **E-Commerce and Customer Retention Project**: Analysis of the sales and delivery system of an E-Commerce Company. **Skills**: SQL
- **E-University Database Management System (DBMS) Project**: An example university registration data model and database. **Skills**: SQL
- **Chocolate Scraping Project**: Scraping data from a webpage, analysis of the data of Chocolate Companies. **Skills**: Web Scraping, Data Wrangling, Pandas, Seaborn.
- **Customer Segmentation Clustering**: Segmentation of customers using unsupervised data. **Skills**: K-means Clustering, RFM Analysis, Cohort Analysis, 3D Visualization.
- **Employee Churn Machine Learning Project**: Predicting churn employee status using several features. **Skills**: Cluster Analysis, K-Nearest Neighbors (KNN), Random Forest, Gradient Boosting.

(These projects and more can be reached at my **GitHub** and **Portfolio** pages.)

TECHNICAL SKILLS

Data Analysis | Machine Learning | Supervised Learning | Business Intelligence | Data Visualization | Statistical Analysis | Python | NumPy | Pandas | Scikit-Learn | SciPy | Matplotlib | Seaborn | Yellowbrick | SQL | MS SQL Server | MySQL | SQLite | DBMS | Tableau | Linux | Git | GitHub | HTML | CSS | Google Sheets | MS Excel | Object-Oriented Programming (OOP) | Regex | Scrum | Kanban | Jira | Agile Methodology | AWS EC2 | AWS S3 | AWS SageMaker | Streamlit

SOFT SKILLS

Creativity | Critical Thinking | Problem Solving | Time Management | Project Management | Computational Thinking | Communication | Collaboration | Teamwork | Leadership | Confidence | Flexibility | Self-motivation | Eager to learn | Self-reliant | Analytical | Lifelong Learner | Passion | Courage | Result-oriented | Adaptability | Engaged | Innovation | Team Player | Proactive | Ambitious | Perseverance

CERTIFICATIONS

- Data Scientist: Analytics Specialist Career Path, Codecademy Sep. 2022
- Data Analytics Module, Clarusway Aug. 2022
- Data Visualization with Tableau Course, Clarusway July 2022
- IBM Data Analyst Professional Certificate, IBM&Coursera June 2022
- Python for Everybody, University of Michigan&Coursera Mar. 2022

(These certificates and more can be reached at my LinkedIn and Portfolio pages.)

WORK EXPERIENCE

Woongjin Eversky – Data Analyst, İstanbul, Turkey October 2022 – Present

- Extracting, processing, and analyzing complex datasets using visualization, and analytics tools.
- Collecting and cleaning data with MS SQL Server using advanced queries and processing large datasets with Python.
- Reducing company expenses by 21% as a result of the analyzes carried out.
- Implemented a new CRM with reporting capabilities. Cut costs by 15% and improved efficiency.

The Ministry of National Defense – Team Manager, Ankara, Turkey Sept. 2014 – Dec. 2017

- Worked as a **Team Manager** between 2014 and 2017, at institutions affiliated with the Ministry of National Defense.
- Used SQL, Excel, Word, and PowerPoint for about 3 years.
- Translated numbers and facts to facilitate strategic business decisions.
- Developed a tracking system and contributed to the development of the personnel by analyzing the shooting, training, and sports performance of the personnel.
- The skills gained in this 3-year period are data analysis, leadership, crisis management, problem-solving, adaptability, collaboration, time management, and multitasking.

EDUCATION

Big Data and Business Analytics: Istanbul Technical University – MSc. Feb. 2024 – Now
Data Analytics: Clarusway IT School – Virginia, USA, Bootcamp Dec. 2021 – Aug. 2022
Web Design and Coding: Anadolu University, Eskişehir, Associate Sept. 2020 – Sept. 2022
Systems Engineer: National Defense University, Ankara, Bachelor Sept. 2010 – Aug. 2014

LANGUAGE COMPETENCIES

Turkish: Native | **English:** Advanced