**BETUL KIRSAKAL**

**DATA ANALYST**

**E-mail** **:** betulkirsakal@gmail.com 

**LinkedIn :** www.linkedin.com/in/betulkırsakal **Address** **:** Turkey,Bursa

**GitHub :** https://github.com/betul97

**SUMMARY**

A self-driven and a dedicated, enthusiastic,motivated and hardworking individual with a burning passion for data science.Always driven to reach my full potential and as a result, enjoy taking on new challenges and additional roles of responsibility and passionately working in data Analyst research. Skills include analytical thinking, creative problem solving and being a cross-functional team player. I am seeking a challenging Data Analyst role in order to develop and gain additional skills.+1 years of experience as a **Data Analyst**.Recently, an **EDA process** was applied to the raw data so cleaning, and dropping unnecessary rows and columns were utilized. The process name was Analysis of Us Citizens by Income Levels.With the Eda project I study with Dataset including analyze the characteristic with individuals according to income groups.I studied with many areas about recognizing and understanding data,univariate and multivariate analyzis,handling with missing values,handling with outliers,make the dataset ready for ML Models.

Having hands-on experience in feature engineering, significance testing, and business intelligence. Actively using **Python** (with well-known libraries NumPy, Pandas, SciPy, Seaborn, and Matplotlib), **Tableau**, and **SQL** to do several processes for data extraction, data manipulation, and visualization tasks.

I possess excellent communication, leadership, and creative problem-solving skills. As an experienced diplomat, I am verbally fluent and concise and have an analytical temperament. Ensuring meticulous attention to details, being a tough and effective negotiator, being truthful and loyal to principles are my priorities. Also,I worked as Math teacher about 12 years, give special courses in math and geometry lessons.

**WORK EXPERIENCE**

* Extracting, processing, and analyzing complex datasets using visualization, and analytics tools.
* Developing strong programming skills in Python as well as an understanding of open-source frameworks.
* Deriving predictive models using appropriate statistical techniques.
* Ensuring the data that supports the project recommendations is verified, analyzed, and modeled effectively in collaboration with other team members using Enterprise Decision Analytics (EDA) software.
* Hands-on experience in HTML, GIT, GitHub, Jira, SQL, and Linux.
* Collecting and cleaning data with MS SQL Server using advanced queries, and processing large datasets with Python.
* Hands-on experience in statistical research techniques such as Linear/non-linear regression, sample size estimation, and statistical testing.
* Gained the leadership and communication skills necessary to deliver measurable and tangible results to stakeholders
* Developed required policies and procedures that reflected actual goals, tasks and workflows, while meeting all regulatory compliance requirements

**PROJECTS**

* Analayzis of Us Citizens by Income levels: Analyzing data with Exploratory Data Analysis (EDA) process to get useful insights about characteristic with individuals about income groups . Preparing the dataset for a ML model to use it predicting car prices appropriately. Data Cleaning, Feature Engineering and Data Analysis.
* E-Commerce Data Analysis Project: Used E-Commerce data; In addition to customer segmentation, churn analysis and customer retention rate applications, which have wide applications in the industry, different data analysis applications are exemplified.
* Sales Department Performance Analyzes: Analyzing the performance of the employees in the sales department. Data Cleaning, Feature Engineering and Data Analysis.
* I have several experimental data analytics projects on my GitHub account to develop myself.

**TECHNICAL SKILLS**

Data Analyst | Business Intelligence Analyst | Data Analysis | Data visualization | Statistics | Python | Numpy | Pandas | Regex | NumPy | SciPy | Matplotlib | Seaborn | SQL | HTML & CSS | MS SQL Server | Tableau | Google Sheets | Data preprocessing | Explanatory Data Analysis | Linux | Git | Github | Jira | Agile Methodologies (Kanban, Scrum)

**SOFT SKILLS**

Confidence | Leadership | Time Management | Problem-Solving Abilities | Critical Thinking | Analytical Thinking | Creativity and Imagination | Excellent communication and presentation skills | Strong analytical skills | Accurate attention to detail | Ability to Work Under Pressure | Teamwork | Decision Making | Creativity

**EDUCATION**

**Sakarya University -Math** Sep 2001 - Jul 2005

**Gazi University -Math Teacher** Sep 2009 - Jul 2010

**Uludag University -Math Education** January 2022 -

**CERTIFICATIONS**

* Data Analyzis with Python, Clarusway Sept 2022
* Data Visualization with Python, Clarusway Sept 2022
* Python for MAchine Learning, Al Bussiness School Oct 2022
* Statistics Basics, Clarusway Sept 2021

**LANGUAGE COMPETENCIES**

**Turkish**: Native

**English**: Advanced