**SULEYMAN ZEYNUL**

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**SUMMARY**An enthusiastic, highly motivated Master’s graduate in **Finance and Accounting** with proven leadership capabilities, who likes to take initiative, seek out new challenges. Data Analyst and Data Scientist with 1+ years of experience in IT and on **Data Analysis**, **Data Manipulation**, **Data Visualization,** and **Machine Learning**. Expertized in **Python** **data manipulation** and **machine learning models**, and widely used Python libraries like **NumPy**, **Pandas**, **Matplotlib**, **Plotly**, **Scipy**, and **Seaborn** for data analysis, visualization, and **Sklearn** for ML modelling. Also, have experience with **SQL, GSS** and **Tableau** for data analysis and visualization. Offering a good combination of problem-solving, creative thinking, and coding skills.

**PROFESSIONAL EXPERIENCE**

**Clarusway** – *Virginia, USA (Remote) May 2021 - Present*

Data Analyst Mentor

* Provided technical guidance and mentoring to students to review and assist with projects and exercises.
* Participated in weekly live group mentoring sessions with data analyst candidates and completed in-depth capstone projects.
* Extracted, processed and analyzed complex datasets using advanced querying, visualization and analytics tools.
* Traced the progress of each trainee with weekly-based 0ne-on-one sessions.

**State Street Bank International GMBH** *– Cracow – Poland July 2020 - Present*

Investment Fund Accountant

* Engaging in daily Net Asset Value Calculation
* Carrying out task within NAV cycle

**Hosseven Heating & Insulation Inc.** *– Bursa - Turkey April 2018 – January 2019*

Import & Export Agent

* Handling exporting and importing transactions and daily contacting with customers

**PROFESSIONAL SKILLS**

* Data Analysis, Business Intelligence, Statistics
* Numpy, Pandas, Matplotlib, Seaborn, Scipy, Plotly, Sklearn
* Python, HTML & CSS, MS SQL Server, SQLite, MySQL
* Tableau, Advance Excel, VBA, Google Sheets, Linux, Git, GitHub
* Jira, Agile Methodology, Software Development Life Cycle (SDLC), Scrum, Kanban

**SOFT & TRANSFERRABLE SKILLS**

* Critical Thinking, Adaptability & Flexibility, Leadership & Team Player, Time Management, Proactive Problem-Solving, Multitasking Skills, Lifelong Learner, Problem Solver

**PROJECTS** –Data Science

**AutoScout Car Price Prediction Model**

* I reduced the number of features entered by users of a car dealer web page called AutoScout24 while not compromising the prediction power of my model. I used an original dataset that was scrapped directly from the given web page.
* After cleaning, data preprocessing, and scaling, I built a Linear, XGBoost, and Random Forest models in Sklearn that could predict a given car’s price with 89 percent of accuracy.

**Gender Classification Model**

* I answered the question of whether a decent gender classifier can be built given a dataset with people’s personal preferences.
* After exploratory data analysis of the data, I applied 16 different ML models such as KNeighbors, Logistic, CatBoost, and based on their performances chose ExtraTree model as the core model.

**Stroke Prediction Model**

* With LogisticRegression, I created a model that can predict whether a patient is likely to get stroke based on features like gender, age, various diseases, and smoking status with a Recall score of 89 percent.

**Customer Segmentation Model**

* With KMeans and Hierarchical Clustering models, I created a model that segments customers according to the purchasing history obtained from the membership cards of a big mall.
* Based on clustering results, I added my insights to retain existing-high-spending customers and increase the number of such customers with some promotions.

**PROJECTS** –Data Analysis

* **Analyzing Police Activity (Rhode Island)**: The analysis of the traffic stops in Rhode Island that was collected by the Stanford Open Police Project (*Skills*: Numpy, Pandas, Matplotlib, and Statistics).
* **Police Fatal Shooting Analysis**: USA fatal police shoot analysis using visualization tools (*Skills*: Pandas, Matplotlib, and Seaborn).
* **Analyzing Fandango Movie Ratings**: Fandango Movie Rating analysis using visualization tools (*Skills*: Pandas, Matplotlib, and Seaborn).

**EDUCATION**

**Data Science Trainee** *– Clarusway IT Bootcamp March 2021 – Present*

**MA, Finance and Accounting** *– Akademia Ekomomiczna – Humanistyczna*

*Warsaw, Poland - 2019-2021*

**BA, Political Science and International Relations** *– Yildiz Technical University*

*Istanbul, Turkey, 2013-2017*

**NOTABLE AWARDS**

*2017,* **Graduation as a High Honor Student,** *Yıldız Technical University*

*2019,* **Semifinalist at Ernst & Young’s Financial Challenge**

**LANGUAGE SKILLS**

* **Turkish** *– Native*
* **English** *– Advance*
* **Spanish** *- Intermediate*