**AHMET ARI**

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**SUMMARY**

Experience in Machine Learning, Artificial Intelligence, Statistical Modeling, Data Analysis, Data Manipulation, Data Visualization, and Business Intelligence over 2 years. Proficient at building robust Machine Learning & Deep Learning models. Experience in performing Feature Selection, Linear Regression, Logistic Regression, Clustering, Decision Tree, Naive Bayes, Random Forest, and Gradient Descent, Neural Network algorithms to train and test the huge data sets. Expertized in Python data extraction and data manipulation, and widely used python libraries like NumPy, Pandas, and Matplotlib for data analysis. 

**WORK EXPERIENCE** 

**Social Security Institution –Ankara**July-2009 - October 2016

* Social security institution public official’s retirement operations and education department,
* Training activities organization,

**Private Sector Education** **- Istanbul** April 2003 - June 2009

* Prepare projects for the development of the institution,
* Read and analyze incoming memos, submissions, and reports to determine their significance and plan their distribution
* Conduct research, compile data, and prepare papers for consideration and presentation by executives, committees, and boards of directors.

**PROFESSIONAL SKILLS**



* Data Analysis, Business Intelligence, Machine Learning, Natural Language Process (NLP), Deep Learning Statistics,
* NumPy, Pandas, Matplotlib, Seaborn, Yellowbrick, Sci-kit Learn, TensorFlow, Keras, NLTK,
* Python, SQL, HTML & CSS,
* MS SQL Server,
* Tableau,
* Google Sheets,
* Linux, Git, GitHub,
* Jira, Agile Methodology,
* Critical Thinking, Confidence, Leadership, Time Management, Problem-Solving Abilities
* Object-Oriented Programming (OOP),
* Software Development Life Cycle (SDLC), Scrum, Kanban

**PROJECTS**



* Exploratory Data Analysis on traffic stops in Rhode Island - Pandas - Matplotlib
* Data Visualization on Police Killing in the US- Pandas, Matplotlib, Seaborn
* EDA and preparation on Autoscout scraped data - Pandas, NumPy, Matplotlib, Seaborn
* University Registration Data Model and Database - Microsoft SQL Server, ERD with Draw.io
* Customer Retention Analysis - Microsoft SQL Server
* Covid-19 Tracking Dashboard - TABLEAU
* Price Prediction on Autoscout data - Linear, Ridge, Lasso Regression, XGBoost, Random Forest
* Tree Types Prediction - XGBoost Classifier, SVM Classifier, DT, KNN Classifier, Random Forest
* Customers Segmentation - K-Means, Hierarchical Clustering
* Sentiment Analysis on Women Clothes Review - EDA, Feature Selection, Text Mining, Word Cloud, Classification with ML and Keras, TensorFlow
* Loan Status Prediction - Keras, TensorFlow

**CERTIFICATIONS**

* Clarusway Data Science Certificate,
* Fundamentals of Visualization with Tableau, Coursera
* Applied Machine Learning in Python by University of Michigan, Coursera
* Applied Text Mining in Python by University of Michigan, Coursera
* Natural Language Processing with Classification and Vector Spaces, Coursera
* The Complete Google Sheets Course: Beginner to Advanced, Udemy

**EDUCATION**

**Data Science** - ClaruswayIT BootcampMar 2021 – December 2021

**Mathematics-** Kırıkkale University August 2002- June 2006

**LANGUAGES**

**Turkish**: Native

**English**: Advanced