KEMAL GUNAY

PROFILE

Trustworthy, friendly, innovative, dedicated, detail-oriented, problem solver and lifelong learner. Kind and loves helping others. Sensitive to environmental issues and ethical rules.

Ardent about Data Science since 2018. Accomplished several Data Science projects & articles. 11+ years of experience in digital media.

PERSONAL VALUES

Integrity, Empathy, Perseverance Lifelong learning, Self-discipline, Continuous Growth

CORE COMPETENCIES

Python, RStudio, JavaScript, CSS, HTML, Docker, SQL, PyCharm, Git, Spark, Azure

LANGUAGES

Turkish (Native)
English (Professional Proficiency)
French (A2), Spanish (A2)
German (A2)

CONTACT INFO

E-POSTA:
kemalgnay@gmail.com

LOCATION:
Istanbul, Turkey

WORK EXPERIENCE

Istanbul University, Ph.D TR
Data Scientist Researcher   09/19 - Current
Building ML & NLP solutions using Pandas, Tidyverse, Sklearn, Tensorflow, SparkML, Pytorch, Keras, spaCy, NLTK

Setting up supervised and unsupervised learning ML/NLP models including data scraping, data cleaning, developing data pipelines (both structured and unstructured), data analytics, feature creation, model selection and ensemble methods, performance metrics and visualization

Designing and developing enterprise-scale NLP solutions in the areas of named entity recognition, document classification, document summarization, topic modelling, sentiment analysis and OCR text processing.

VBO (Veri Bilimi Okulu), Remote
Data Scientist   06/21 – 01/22
Performing data extraction, manipulation, feature engineering and visualization. Applying statistical testing and ML techniques: hypothesis testing, classification, regression.

Working with ML algorithms and models (SVM, NB, RF, LR, PCA, Rule-Based) and their underlying computational and probabilistic statistics.

Hands-on-experience via projects; CRM Analytics; AB Test; Recommendation Systems; Measurement, Regression, Classification and Time Series Problems, Demand Forecasting and et al.

EDUCATION

Istanbul University, Social Sciences, Ph.D Istanbul, TR 09/18 -
Thesis: Climate Crisis and PR Strategic Communication, ML models & Rule-Based-Classification were used as a research method

SKILLS

- **Computer Skills:** Python, RStudio, JavaScript, HTML, CSS, PyCharm, Docker, SQL, SPSS, PySpark, Git, SparkNLP, Azure
- **Data Science Projects:** Machine Learning; NLP Projects, Detecting Locations with NER; Recommendation Systems; Time Series; Customer Lifetime Value Prediction and Segmentation; RFM, A/B Testing,
- **Natural Language Skills:** spaCy, NLTK, SparkNLP, gensim, R: quanteda, tidytext. Topic modelling, sentiment analysis, NER
- **Data Science Skills:** Pandas, Numpy, SciPy, Seaborn, Beautiful-Soup, Selenium, R: dplyr, tidyverse, ggplot2
- **Machine Learning Skills:** Tensorflow, Keras, Scikit-learn, Azure MLOps, Spark ML
- **Interpersonal Skills:** Communication, Guidance, Organizational Skills, Ability to Work in Multicultural Environments, Teamwork, Presentation Skills, Growth Mindset, Decision Making.
- **Other Skills & Interest:** Playing the guitar, the piano, practicing yoga, love all animals