Mehmet Kadri GOFRALILAR

Data Scientist

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Mugla/Turkey

Education

- Mugla Sitki Kocman University
  Engineering Faculty
  Computer Engineering
  2018-2023
  GPA: 3,75/4

Languages

- Turkish - Native
- English - Advanced

Skills

- Python
- R Programming Language
- Machine Learning
- Data Visualization
- Data Engineering
- Data Wrangling
- Web Crawling
- Web Development

Certificates

- DEUISGR'22 Certificate of Participation - 12.2022
- GBYF Certificate of Participation - 06.2022

Exams

- ALES : 85.6 - 04.2023
- YDS : 82.5 - 01.2019

Social Media

github.com/mehmetkadri

linkedin.com/in/
mehmetkadrigofralilar/

About Me

I am a passionate data scientist with a strong academic background in computer science from Mugla Sitki Kocman University. I am currently applying for a Master's degree in Computer Engineering, specializing in data science. I have diverse project experience, collaborating on research projects addressing real-world challenges.

Throughout my academic journey, I have been captivated by the immense potential of data science in driving innovation and generating insights. Therefore, I have actively pursued opportunities to further develop my skills and contribute to the field.

In order to create an environment for future data scientists to improve their skills, I formed and led a student community named "Data Science Community" at Mugla Sitki Kocman University. Through this initiative, we organized workshops, seminars, and coding challenges to foster a collaborative environment and enhance our skills in data analysis, machine learning, and statistical modeling.

Experience

- Team Lead
  MSKU Data Science Community
  11.2021 - Present
- Data Science Researcher
  Mugla Sitki Kocman University - Internship
  08.2021 - 09.2021
- Software Engineer Intern
  R2 Water Research and Consultancy - Internship
  01.2022 - 10.2022

References

- Dr. Zeynep Filiz Eren, Mugla Sitki Kocman University
  zeynepfilizeren@mu.edu.tr
  +90(532)-525-1346

- Dr. Burak Ekici, Mugla Sitki Kocman University
  burakekici@mu.edu.tr
  +90(543)-586-2571

Projects

- **Deep Learning Based Non-Invasive Sinusitis Diagnosis by Optical Methods** 03.2023
  I modified the existing interface using the PyQT5 library and implemented a data aquiring system with a survey.

- **Wildfire Analysis and Prediction System** 08.2021
  Main goal of this project is to analyze and predict wildfires and create an early warning system. Later on, this project received support within the scope of Tübitak 2209-A.

Congresses

02-03.12.2022

- **Dokuz Eylül University International Symposium Series On Graduate Researches 2022**
  I have made an oral presentation in the DEUISGR'22 as an Undergraduate 4th year student. My presentation was about "Turnitup: A Plagiarism Check Application for Documents" project I developed.

03-06.11.2022

- **International Researchers, Statisticians and Young Statisticians Congress 2022**
  I have made an oral presentation in the IRSYSC'22 as an Undergraduate 4th year student. My presentation was about "The Visualization Tool for Clustering and Comparison of Multivariate Time Series Data of Countries" project me and my colleagues developed.

Publications

- **Comparative Analysis of Statistical and Supervised Learning Algorithms for Outbreak Detection in the Syndromic Surveillance of Influenza-Like Illness: A Methodological Research** 12.2022
  Published in Türkiye Klinikleri Biyoistatistik Dergisi, in collaboration with my colleagues Dr. Zeynep Filiz Eren and Hasan Ali Özkan.

- **A practical application for multivariate time series clustering and visualization** 12.2022
  Presented and published the project "The Visualization Tool for Clustering and Comparison of Multivariate Time Series Data of Countries" at the IRSYSC'22.

- **TurnItUp** 12.2022
  Presented and published my project, "TurnItUp," based on Turnitin, at the DEUISGR'22. This project aimed to improve the plagiarism detection process and enhance the integrity of academic research.

- **A Simple Image Processing Application for Melanoma Detection Warning System** 12.2022
  Worked on the project "A Simple Image Processing Application for Melanoma Detection Warning System," which involved developing an image processing application to assist in the early detection of melanoma. This project was published in collaboration with my colleagues.

- **Machine learning techniques for wildfire prediction system** 12.2022
  Engaged in the project "Wildfire Analysis and Prediction System" with my colleagues and published it. Our research focused on developing an advanced system for analyzing and predicting wildfire incidents using data-driven techniques.