

MUSTAFA ALP ULAS

Ankara - Antalya/Alanya

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PROFESSIONAL SUMMARY

Motivated Industrial Engineering junior with a strong passion for combining analytical thinking with technology to solve complex problems. Skilled in Python, R, and data visualization, with a focus on process optimization and efficiency enhancement. A collaborative, self-driven individual eager to contribute innovative solutions.

PERSONAL GITHUB AND WEBSITE

GitHub: <https://github.com/mustafalpulaslab>

Website Link : <https://emu-hacettepe-analytics.github.io/emu430-fall2024-mustafalpulaslab/>

WORK EXPERIENCE

Academic Research & Collaboration | 2021- On going

- Worked on coursework projects focusing on process improvement and optimization.
- Participated in a team environment to solve engineering challenges.

SKILLS

- Programming: Python , R (ggplot2, dplyr, tidyr), SQL
- CAD Tools: AutoCAD for 2D and basic 3D modeling
- Data Analysis & Visualization: Advanced Excel (Solver) and R
- MatLab and Minitab

PROJECTS

NRG Group Project (For Data Analytics Class)

- Conducted data analysis on electric vehicle adoption and CO2 emissions in Turkey and worldwide.
- Utilized R for data cleaning and visualization to identify trends and patterns.

GitHub Portfolio

- Created and shared data visualization projects demonstrating skills in R. We created a website with R and Quarto for this project.
- Github Link : <https://github.com/emu-hacettepe-analytics/emu430-fall2024-team-nrg>
- Website Link : <https://emu-hacettepe-analytics.github.io/emu430-fall2024-team-nrg/>

ACADEMIC HISTORY

Hacettepe University | 2021-On going

- Bachelor's Degree in Industrial Engineering (English)
 - GPA: 3.25
 - University Quality Ambassador

Gazipasa Fen Lisesi | 2017-2021

- GPA: 98.11

LANGUAGES

- English (Intermediate B1 - B1+)
- Turkish (Native)

CERTIFICATIONS & AWARDS

- High School Graduation with Distinction (Ranked 2nd in School, 2021)
- I was chosen as the university quality ambassador
- https://muhfak.hacettepe.edu.tr/tr/menu/muhendislik_fakultesi_danisma_kurul-365
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