Team Petra

WELCOME TO THE EMU!



This is our data analytics project.

Team Members

[Necati Keleşer](https://emu-hacettepe-analytics.github.io/emu430-fall2024-nkeleser/)

[Bihter Hasdemir](https://emu-hacettepe-analytics.github.io/emu430-fall2024-bihterhasdemir)

[Öykü Tütüncü](https://emu-hacettepe-analytics.github.io/emu430-fall2024-oykutt)

[Ahmet Kürşad Gürel](https://emu-hacettepe-analytics.github.io/emu430-fall2024-ahmetkgurel)

Project Topic

Poverty and crime are two pervasive societal issues that often exhibit a complex relationship. This study aims to explore the impact of poverty rates on crime, focusing on the interplay between socioeconomic disparities and criminal behavior. Using data analytics techniques, we analyze crime statistics and poverty rates across various regions to uncover potential correlations and causations.

Data Sets

Convicted offenders admitted to penal institutions by type of crime and province where the crime was committed, 2011-2020. (Source: TUİK) Click here to download xls

Regional poverty numbers and poverty rates based on equivalent household disposable income per capita, 2014-2023. (Source: TUİK) Click here to download xls

Project’s Steps

Data Cleaning and Preparation

Analysis of Relationships