Kjanija Mersimoski

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github.com/kjanija

About Me

Passionate about technology in general and AI in particular, I am a first-year Data Science and Artificial Intelligence master's student at the University of Trieste. I spend the rest of my free time with either a book in my hands or out for a walk or hike.

Education

University of Trieste *2024 - Present*
Trieste, Italy
M.Sc. in Data Science and Artificial Intelligence.
Curriculum: Foundations of Artificial Intelligence and Machine Learning

University of Trieste *2021 - 2024*
Trieste, Italy
B.Sc. in Artificial Intelligence and Data Analytics
Evaluation: 102/110

Thesis: Noise Cancelling in ECG Signals with EEMD Decomposition and Genetic Algorithms
(Original title: *Pulizia del rumore in segnali ECG con scomposizione EEMD e algoritmi genetici)*

I.T.s.T. "Arturo Malignani" Cervignano *2016 - 2021*
Cervignano del Friuli, Italy
High School, Telecommunications
Evaluation: 100/100 cum laude

Projects

***StrokePrediction*: ML models for stroke prediction**
Explorative Data Analysis and prediction using models like Neural Networks, Logistic Regression and Random Forest. In this project I also developed a web-app with Streamlit where it was displayed both the data analysis and a form allowing for predictions to be made. Being a team project, it strengthened my collaboration skills both it terms of communication and usage of the *git* version control system.

***Health Care Demand* - Australia**
Data Analysis on a medical dataset about health care demand in Australia with Statistical Methods such as GLM Poisson, GAM and Zero Inflated models.

Skills

Programming Languages: Python (Including libraries like numpy, pytorch, scikit, pandas and matplotlib), C (and it's use with OpenMP), R
Tools: Git, Docker, VS Code, unix CLI

Languages

Italian (Native), English (Professional, B2), Macedonian (Native)