ADAM CZEPIELIK

@ adam.czepielik@gmail.com www.aczepielik.github.io
in linkedin.com/in/adam-czepielik-826477130/ github.com/aczepielik

PROFESSIONAL EXPERIENCE

Data Scientist

Verisk Analytics

XI 2020 – Ongoing Kraków, Poland

Developing R&D projects in insurance analytics. Involved in work at entity disambiguation, sequence classification with language models, knowledge graphs, big data processing in Spark.

Data Analyst

AVSystem

III 2019 – X 2020 Kraków, Poland

Standalone analyst in a team dedicated to serving retail network in the food industry. Analysing sales, forecasting demand, evaluating loyalty program, operational research for delivery service, business reporting.

EDUCATION

M.Sc. in Mathematics

Jagiellonian University

2017 – 2020 Kraków, Poland

Thesis: Clustering of Contingency Tables
https://www.ap.uj.edu.pl/diplomas/142504/

Member of Financial Mathematics Student Association of Jagiellonian University

Erasmus+ Exchange

KU Leuven

Fall semester 2018/19 Leuven, Belgium

B.Sc. in Mathematics

Jagiellonian University

2014 - 2017 Kraków, Poland

MAJOR FREELANCE PROJECTS

Trams delays in Kraków

https://aczepielik.github.io/en/post/kraktram.en/ || English summary

End-to-end analysis of trams delays in the summer schedule in Kraków:

- Automated API queries and web-scraping to obtain relevant data.
- Cleaning data from various kinds of erroneous measurements.
- Exploratory and explanatory analysis with interactive visualisations.
- Quantile regression modelling.

The resulting report was appreciated by specialists in data analysis and transport studies as well as local and professional media (two articles and two radio talks).

SKILLS

Statistical Analysis

Data Visualization

Machine Learning

TECHNOLOGIES

Programming:

- **R**
- **Python**

Databases:

- **SQL (PostgreSQL, SQLite)**
- **InfluxDB**
- **MongoDB**

Other:

Git, Docker, Linux, Cloud VMs (GCloud, AWS)

LANGUAGES

English (professional fluency)

Polish (native speaker)

Ancient Greek (beginner)

Analysis of donations for local NGO

Dashboard presenting evolution in donors attitude.

Used techniques, technologies and libraries:

- Hidden Markov Chains for modelling,
- Shiny, Plotly and knitr (all R) for visualisation,
- Docker, ShinyProxy, GCloud compute engine for deployment.