MIHÁLY ORSÓS

DATA SCIENTIST

CONTACT

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EDUCATION

2015 - 2016
CENTRAL EUROPEAN UNIVERSITY
Master of Business Analytics

2009 - 2012
UNIVERSITY OF PÉCS
Bachelor of Physics

TOP SKILLS

- Python, Streamlit
- R, Shiny
- LLM
- AI
- SQL
- Data transformation
- Stock / crypto market analytics
- Git

LANGUAGES

- English (Academic)
- Hungarian (Native)

SOCIAL

Lightbringers
Global Human Dignity Alapítvány

PROFILE

I am a highly motivated data analyst and programmer with expertise in Python and R. With experience at OTP Bank, I specialize in data analysis, visualization, and web scraping. As a lecturer at CEU, I teach programming, APIs, data extraction techniques, as well as artificial intelligence (AI) and large language models (LLMs). Passionate about innovation, I continuously seek opportunities to expand my skill set and apply data-driven and AI-powered solutions. I enjoy tackling complex challenges and developing efficient, scalable systems.

WORK EXPERIENCE

Freelance Data Analyst and Educator   2022 - PRESENT

- Delivered programming, and AI courses.
- Led data extraction and visualization projects, such as analyzing and publishing EU funding data for Átlátszó, a Hungarian investigative journalism platform.
- Developed BullRanks, an independent data-driven project focused on financial market analysis.
- Created a YouTube channel, goldhandfinance, producing educational content about Bitcoin, cryptocurrency markets, and financial innovation.

Central European University   2018 - PRESENT
Lecturer

- Focusing on Python, data collection, web scraping, and automation.
- Covering key technologies such as APIs, JSON, HTML, and Git to equip students with practical data-handling skills.
- Emphasizing hands-on learning with real-world datasets and problem-solving approaches in Python and R.

OTP Bank   2016 - 2020
IT Developer

- Developed and tested big data ecosystems.
- Analyzed JIRA tickets to improve development efficiency and workflow management.
- Worked on a Keystroke POC to explore innovative solution for third-factor authentication.

PROJECTS

felhok.hu
A flight search platform that collects the cheapest flights daily using Kiwi API and allows users to filter, sort, and search based on various criteria, including departure time and weekend getaways.

goldhandfinance.streamlit.app
Developed a Streamlit-based application for my Goldhand Python package, offering real-time stock and crypto analysis with dynamically updating charts and market trends, empowering investors with data-driven decision-making.