

## PROFILE

I am a machine learning enthusiast, Data Scientist, Python programmer, and former network engineer. I focus on applied science, sustainability and open source solutions.

## EDUCATION

### PhD

2013 - 2021

Telecommunications, FEE, CTU, Prague, Czech rep.

Hierarchical density-based clustering and interpretation for network measurements.

- The aim was to detect and interpret unknown patterns in passive/active network/Cloud measurements by hierarchical density-based unsupervised machine learning techniques.

### Bc/Ing (Masters)

2004 - 2009

Telecommunications, FEE, STU, Bratislava, Slovakia

- Bc.: Measurement of glottal period of human voice
  - Measurement, automatic marking and analysis of glottal period of human voice
- Ing.(Masters): Classifiers for identification of the speaker
  - Building on top of the Bc. results by identification of speakers by glottal period and other aux. features

## RECENT EXPERIENCE - WORK

### Data scientist (Researcher)

23/11/2020 - now

CTTC, Barcelona/Castelldefels, Spain

Design and analysis of machine learning approaches for pattern and anomaly detection in synthetic & real-world data.

### Python programmer (freelancer)

01/03/2021 - 26/01/2023

Assetario, Bratislava, Slovakia

Design, analysis and impl. of machine learning approaches for (i) prediction of customer lifetime value in mobile apps and (ii) in-app purchase recommendation system.



# Pavol Mulinka

Data Scientist / Engineer  
/ Machine learning  
Enthusiast

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 Slovak

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 WoS ABG-8213-2020

 mulinka

 Superpalo

 CV - short

 CV - full

## LANGUAGES

English (Professional)

Spanish (Intermediate)

Slovak (Native)

Czech (Fluent)

## INTERESTS

Climbing/Bouldering

Motorcycles

Ceramics/Pottery

Nature (Hiking/Trail running)