

# Dive into Polars - an efficient DataFrame library for data manipulation and analysis with scientific applications

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# About us

## Igor Zubrycki

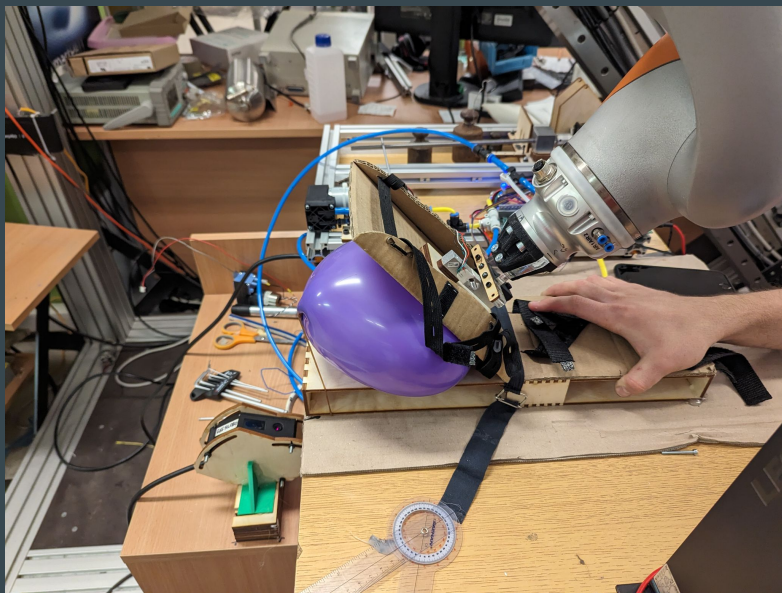
- Scientist / Machine learning specialist
- Lodz University of Technology
- R&D Machine Learning team manager

## Lidia Lipińska-Zubrycka

- Scientist / bioinformatician
- University of Warsaw



# Dataset: Pneumatic robot data (Polars)



time	weight	gas_flow	pressure	laser	angle	angle_vel
f64	f64	f64	f64	f64	f64	f64
0.0	-0.253109	0.0	-0.968333	67.863029	0.036505	0.0
0.005	-0.253109	0.0	-0.968333	67.863029	0.036505	0.0
0.01	-0.253109	0.0	-1.4229	67.863029	0.036505	0.0
0.015	-0.253109	0.0	-1.486328	67.863029	0.036505	0.0
0.02	-0.253109	0.0	-1.528613	67.863029	0.036505	0.0

# Scripts and link to Google Colab

Let's visit: [https://github.com/lidkalee/PyconPL2025\\_Polars](https://github.com/lidkalee/PyconPL2025_Polars)

