|  |  |  |
| --- | --- | --- |
| Programming languages:  Python, SQL  Frameworks :  Pandas, Matplotlib, Seaborn, Sci-kit Learn, Pulp, Statmodels, Numpy, Cvxopt,  Tools :  Git, MS Office, Wordpress, Dbeaver, MiniTab, Jupyter   * previously 15 years of work as a financial director in well-known international corporations. * I work as a data scientist in the area of modeling and optimization for 10 years. * I graduated in statistics and econometrics at the Nicolaus Copernicus University in Toruń * I am a graduate of Big Data   DATA SCIENTIST | | |
| Project experience : | | |
| Process optimization  I have carried out many small projects aimed at supporting management in the area of transport and storage. Most of the time, I used operational programming techniques. the largest project of this type was the mapping of an optimal sulfur rail supply network from many mines, ports and refineries to 4 fertilizer production plants. | **Regression models for forecasting market phenomena**  I created complex gas price forecast models using weather and macroeconomic data as well as prices of other raw materials. I used both machine learning and deep learning methods in the form of recursive neural networks. | **Recommendation systems for online sales**  I created recommendation models and customer segments based on behavioral patterns. I found statistical relationships and similarities. I indicated the preferences of individual customer groups and their sensitivity to factors such as price, unavailability of goods and the duration of home delivery. |
| < Languages >  PL – native  EN – B2  GE – A1 | < Certyfikaty >   * SixSigma black belt * accountatn | And one more thing… I love DIY, build and renovate. I really like survival expeditions, sailing and canoeing. |