Contact

12 Tanner Road
North Petherton, Somerset
+44 07928616331 (Mobile)
m.bronowicki@hotmail.com

www.linkedin.com/in/mariusz-
bronowicki (LinkedIn)
github.com/MBronowicki (Personal)
www.kaggle.com/godzill22
(Personal)

Top Skills

Artificial Intelligence (AI)

Deep Learning

Machine Learning

Certifications

Probability & Statistics Master

Complete Python 3 Masterclass
Journey

Developing Your Emotional
Intelligence

Complete Machine Learning and
Data Science: Zero to Mastery

Complete Data Science Bootcamp
online course

Mariusz Bronowicki

Data Scientist and AI | Machine Learning Engineer | NLP | LLMs |
Kaggle Master
Somerset, England, United Kingdom

Summary

I'm a data scientist with 3+ years of experience building end-to-end
machine learning solutions, with a strong focus on natural language
processing (NLP) and large language models (LLMs). I specialize in
using Python, machine learning, and deep learning to turn complex
data challenges into real business value.

Recent work includes:
Building entity extraction pipelines and retrieval-augmented
generation (RAG) systems using LangChain, LangGraph, and
Hugging Face
Developing knowledge graphs aligned with the IES (Information
Exchange Specification), a semantic data standard adopted by the
UK government's National Digital Twin (NDT) initiative
Creating Kafka-based pipelines to stream data into knowledge graph
systems in near real-time
Designing, deploying, and managing scalable ML models and data
pipelines on AWS

I'm familiar with DevOps tools like Git and Docker, and have hands-
on experience with Kubernetes for container orchestration. My
technical toolkit includes Python, TensorFlow, Scikit-learn, Pandas,
NumPy, and Matplotlib, with strong capabilities in data analysis,
modelling, and visualisation.

Fluent in both English and Polish, I thrive on collaborating with cross-
functional teams and stakeholders to deliver insights that matter.
Whether it's streamlining processes, uncovering opportunities,
or solving complex problems, I bring a methodical, impact-driven
approach and a genuine passion for innovation.

_____

Experience

Telicent

1 year 7 months

Data Scientist
September 2024 - December 2024 (4 months)

• Built a self reflective RAG document pipeline and chat service using
LangChain and Hugging Face models to improve knowledge retrieval and user
interaction.
• Improved the default entity extraction model's accuracy by 15% through fine-
tuning and adding new entities, including previously unsupported categories
like 'event'.
• Developed RDF Knowledge Graphs and data pipelines, enabling data
integration and semantic search, with deployment supported by unit tests,
GitHub workflows, and Docker.

Junior Data Scientist
June 2023 - September 2024 (1 year 4 months)

• Developed and deployed multiple data pipelines to efficiently process, clean,
and transform large datasets; integrated outputs into a knowledge graph,
enhancing relational insights and data discoverability across various domains.
• Owned and optimised critical data pipelines, implementing enhancements
and resolving issues to meet customer requirements, ensuring reliability and
alignment with business objectives.

Kaiasm
Data Scientist
January 2022 - March 2023 (1 year 3 months)
Frome, England, United Kingdom

• Developed deep learning models for natural language processing (NLP)
classification problem, achieving an 88% accuracy rate and improving text
categorisation capabilities.
• Led the organisation's first AI project, conducting experiments with machine
learning and deep learning techniques.
• Developed insightful visualisations and interactive dashboards using
Seaborn, Matplotlib, and Plotly, enabling stakeholders to make data-driven
decisions and uncover key business trends.

VALMIERA GLASS UK LIMITED
Machine Operator
September 2021 - January 2022 (5 months)
Sherborne, England, United Kingdom

• Collaborated well with colleagues to achieve time-sensitive daily targets

• Ran interdependently machinery after 2 months of training in the new position

Tesco
14 years 7 months

General Assistant
July 2021 - September 2021 (3 months)
Yeovil, England, United Kingdom

Night Manager
February 2019 - July 2021 (2 years 6 months)

• Incorporated two ways of communication in night operation teams to improve performance

• Managed around 60 people in a highly paced environment on nights in Tesco Extra in Yeovil

• Allocated daily tasks according to abilities and experience of night staff members

• Ran regular meetings for up to 50 people to inform of the changes and current priorities

Merchandiser
March 2017 - February 2019 (2 years)
Yeovil, England, United Kingdom

• Performed merchandising to the shop floor plan on daily basis

• Adopted swift decision making process to achieve weekly changes in the store

• Planned workload and resources weekly to implemented changes on time

• Collaborated proactive with other departments to integrate operations and deliver change

General Assistant
March 2007 - March 2017 (10 years 1 month)
Yeovil, England, United Kingdom

• Improved customer experience by ensuring the product availability in the shop

• Delivered good standards at the end of a night shift to improve customer experience

• Operated in a night replenishment team at Tesco Extra for 14 years

Carlsberg Polska
Field Sales Representative

April 2004 - February 2006 (1 year 11 months)
Zgorzelec, Dolnośląskie, Poland

• Traded the company products with existing and new clients to work towards meeting targets
• Applied merchandising to enhance visibility of the company products in the area
• Planned daily route to visit shop owners regularly to meet objectives

———

Education

University of Zielona Góra
Master of Business Administration - MBA, Management Information Systems, General · (2000 - 2002)

University of Zielona Góra
Bachelor's degree, Economics and Management · (1996 - 2000)

Post Secondary IT Studies
IT Technician, Computer Programming · (1994 - 1996)