

## Summary

Data leader with 15+ years of experience in analytics, physical chemistry, and machine learning in high-tech industries.

## Skills

- Python, SQL, Pandas, Tableau
- Machine Learning, Causal Inference
- Data Engineering, MLOps, DevOps

## Work Experience

### Head of Data, HighTech Inc. (2020–Present)

- Built a secure, scalable data platform for semiconductor fab analytics
- Led a 10-person team across engineering, science, and operations

### Principal Analyst, NanoTech Co. (2015–2020)

- Delivered predictive maintenance models for photolithography equipment
- Saved £2M annually by optimising yield loss detection

## Education

- PhD, Physical Chemistry – Durham University
- MPhys, Physics – University of Oxford