

Dr Ben Coombs

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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