# Gurinder Arora

Munich
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## Profile

Data & AI solutions Lead who implements production systems. I design and deliver complete business solutions—from infrastructure to user adoption—bridging business stakeholders and technical teams. Currently manage 3-person team at BayWa AG while serving as internal internal Data & AI consultant. Work fluently in German and English, skilled at translating technical concepts into business value.

## Professional Experience

**Data Analyst Manager** │ 07.2024 – Present
**BayWa AG** │ Munich

**Internal Consulting & Team Leadership**
- Manage 3-person analytics team (Data Scientist, Growth Analyst, Working Student) while serving as internal consultant to 10-15 business stakeholders across departments
- Translate business challenges into technical solutions, advise on analytics and AI strategy, own end-to-end delivery from requirements to production deployment

**AI Infrastructure & Automation**
- Built automated system consolidating 10+ Excel sources into queryable database with LangChain AI agent in Python, eliminating 2 hours/week manual work
- Implemented AI-assisted development, cutting dev time by 30%

**Multi-Agent AI System – Sales Intelligence Platform**
- Evolved initial ML pipeline into production multi-agent AI system with 5 specialized agents (data quality, customer insights, feedback analysis, strategic timing, model performance) orchestrated via Apache Airflow, integrating RAG knowledge base
- Deployed system processing daily predictions, improved targeting accuracy from 15% to 25%, now serving as departmental template

**Platform Transformation & Migration**
- Migration of 10+ core reports from Qlik Sense to SAC, redesigning data architecture in SAP Datasphere with zero business disruption
- SAP-to-Fab4Minds ERP migration, designed parallel reporting architecture maintaining data flow across 10+ production pipelines

**Data Analyst** │ 09.2022 – 06.2024
**BayWa AG** │ Munich

**AI/ML Solution Implementation – Sales Optimization**
- Designed end-to-end AI solution: developed Python predictive model with data scientist, automated data flow from Qlik Sense into BI dashboards, built calling lists for sales team, created feedback mechanism to track accuracy

- Solution runs daily in production, increased order volume by 15%, supports sales, inventory planning and marketing operations

**Process Automation & Data Pipeline Development**
- Built automated ETL pipeline from SAP to Qlik Sense, eliminating manual Excel processes that took 2-4 weeks, reducing data refresh time to 10 minutes

**BI Platform Implementation & Advisory**
- Launched Qlik Sense as primary BI platform, migrating legacy Excel reporting to centralized dashboards serving 50+ business users
- Designed and maintained production dashboards, acting as technical advisor translating business needs into functional requirements

**Cloud Migration & Hybrid Infrastructure**
- Migrated on-premise analytics to AWS with hybrid deployment strategy balancing accessibility, cost, and security and managed mixed environments (local, on-prem, AWS-S3, EC2, Redshift)

**Data Analyst Working Student** │ 05.2022 – 08.2022
**Hoffmann Group** │ Munich

**Analytics & Process Improvement**
- Delivered Excel, SQL, and Power BI analyses, improving team workflow efficiency by 25% through standardized data preparation processes
- Documented analytical procedures and results, enabling knowledge transfer and onboarding for new team members

**Reporting & Quality Assurance**
- Supported ad-hoc reporting requests and implemented feedback loops to improve reporting accuracy and stakeholder satisfaction

# Education

**Woolf University** │ Remote in Germany
MSc. Artificial Intelligence │ 11.2025 – today

**Masterschool** │ Remote in Germany
Data Analyst Training Course │ 01.2022 – 08.2022

**Google** │ Remote in Germany
Data Analytics Certification │ Acquired: 09.2021

**TUM** │ Munich
BSc. Elektrotechnik und Informationstechnik │ 10.2020 – 09.2022
*Transitioned to data analytics to pursue technical implementation in business contexts*

**Delhi University** │ Delhi, India
B.A. (Hons.) English │ 07.2015 – 05.2018

# Skills & Knowledge

**Consulting & Solution Delivery:** Internal Consulting, Business-IT Translation, Stakeholder Management, End-to-End Solution Design, Requirements Analysis, Workshop Facilitation, Cross-Functional Collaboration, Change Management, Agile & Iterative Working

**Business Intelligence & Analytics:** Qlik Sense, SAC, Power BI, Tableau, Dashboard Design, KPI Development, Self-Service BI

**AI & Automation:** Predictive Modeling, Gen AI Integration, Local LLMs (Ollama, LM Studio), AI Agents & Orchestration (n8n, LangChain), MLOps Practices, RAG, AI-Assisted Development

**Data Engineering & Platforms:** ETL Design, Data Modeling, SQL, Python, Apache Spark, Data Pipeline Development, Data Quality Management, SAP ERP, Fab4Minds, Snowflake, Excel, VS Code, Git

**Cloud & Infrastructure:** AWS, Azure, Hybrid Deployments, Docker, Kubernetes, IAC, System Architecture Design, Cloud Migration

**Governance & Leadership:** Data Governance, IAM Policy Management, Data Access Controls, Team Leadership, Strategic Roadmap Development, Product Ownership

**Languages: German**: C2 (Business Fluent); **English**: C2 (Business Fluent); **Hindi**: Native Speaker