Zertifikat

Hiermit bestätigen wir, dass

Raphael Biock

das Teil-Zeit-Programm

AI Expert

mit 225 Stunden Programmierpraxis (entspricht 300 Unterrichtseinheiten) erfolgreich absolviert hat. Der Kurs wurde im virtuellen Klassenraum durchgeführt.

Teilnahme von 17.08.2026 bis 06.11.2026

Franz Wilhelmy	Petra Kischkewitz	Sara Maras
Program Manager	**Managing Director**	**Lead Coach**

Certified by Hanseatische Zertifizierungsagentur HZA

neue fische | SPICED

Curriculum AI Expert: AI Foundations & Applied Automation

In 300 teaching units, the participants learned, discussed and deepened the following content in various tasks and projects:

Foundations: AI Literacy & Structured Prompting
- AI in Digital Transformation Context
- Structured Prompting
- Governance & Data Privacy Basics
- Practical Application & Peer Review
- Review & Consolidation, Portfolio Showcase

Low-Code Automation & Workflow Thinking
- From Process to Workflow, Intro n8n
- Building Workflows (Part 1)
- Building Workflows (Part 2), Peer Review
- Governance in Workflows
- Testing & Deployment, Portfolio Showcase

AI Data Foundations: Data Quality & AI-Assisted SQL
- Professional Spreadsheets & AI Data Quality
- KPIs & Data Modeling Basics SQL Fundamentals (Part 1) + NL-to-SQL
- SQL Fundamentals (Part 2) + AI-Assisted Debugging
- Data QA & Consolidation, AI-SQL Comparison Sheet

AI-Enhanced Analytics & KPI-Driven Insights
- Advanced SQL for Analytics + AI Query Optimization
- Dashboarding with Power BI/Metabase (Part 1)
- Dashboarding (Part 2), AI-Insight-Check
- Communicating Insights, AI vs. Human Storytelling
- KPI-to-Automation Design, Portfolio Showcase

Enterprise Integration & Knowledge Engineering
- Knowledge Engineering, RAG Canvas
- Secure API & Webhook Integration
- AI Governance in Practice + Business KI
- Logging & Monitoring Consolidation, Agent Security Pack, Peer Review

Capstone, Enablement & Career Prep
- Capstone Project Sprint (Day 1)
- Capstone Project Sprint (Day 2)
- Enablement & Train-the-Trainer
- EU AI Act Competency Assessment
- Career Day & Labour Market Briefing