



Daniel Netzl

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AI researcher & data scientist focused on building socially beneficial and sustainable technologies.

Professional Experience

Netzl Data Solutions Founder	Göttlesbrunn, Austria February 2026 – Present
Formunauts GmbH Data Scientist, 38.5hrs/week	Vienna, Austria November 2025 – Present
Siemens AG Österreich Data Scientist, 30hrs/week	Vienna, Austria August 2022 – October 2025
BG/BRG Keimgasse Informatics High School Teacher, 15hrs/week	Mödling, Austria September 2021 – December 2022
Learn4Life OG Tutor in Spanish, Accounting, and Informatics	Bruck/Leitha, Austria October 2016 – June 2022

Technical Skills

Programming & Data: Python, R, SQL, Bash	Bioinformatics & Chemoinformatics: SMILES-based Modeling, Reaction Prediction, QSAR Modeling, Binding Site Classification, Molecular Representations, RDkit, P2Rank
Machine Learning & AI: Generative Models, Reinforcement Learning, Transformer Models, CNNs, Autoencoders	Data Visualization: Dash, Plotly, R Shiny, Power BI, Tableau, Matplotlib, Network Graphs, Amazon QuickSuite
Data Science & Analytics: Data Processing, Feature Engineering, Clustering, Dimensionality Reduction, Association Rules	DevOps & Deployment: dbt, Docker, CI/CD Pipelines, github Actions, REST APIs, Linux, Amazon Web Services
Explainable AI (XAI): SHAP, Saliency Maps, Latent Space Probing, Feature Attribution	

For real-world applications of these tools in 20+ diverse projects, visit danielnetzl.com

Education

Johannes Kepler University Master of Science, Artificial Intelligence	Linz/Donau, Austria October 2023 – Expected March 2026
Columbia University Admitted to Master of Science, Data Science	New York City, United States March 2024
IMC University of Applied Sciences Bachelor of Science, Informatics/Data Science (with distinction)	Krems/Donau, Austria June 2020 – June 2023

Community Engagement & Volunteering

Local Development Association Board Member <ul style="list-style-type: none">Leading initiatives to promote biodiversity and revitalize local green spaces.	Göttlesbrunn, Austria January 2025 – Present
Local Youth Club Board Member & Treasurer	Göttlesbrunn, Austria January 2016 – December 2022