Aditya Ghanashyam Ladawa

Braunschweig, Germany | +49 15510 030840

adityaladawa12@gmail.com | GitHub | LinkedIn

23. July 2025

Salzgitter Mannesmann Stahlhandel GmbH

Application for Working Student Data Analytics Position

I am writing to express my interest in the working student data analytics position at Salzgitter Mannesmann Stahlhandel. Currently pursuing my MSc in Data Science at TU Braunschweig, I bring hands-on experience in Python-based analytics, automated data processing, and visualization systems that align well with your sales management department's analytical needs.

- My experience in sales analytics comes from building automated content pipelines that track performance metrics and optimize conversion strategies. Recently, I developed agent-based systems that analyze engagement patterns across social media platforms, achieving measurable improvements in content performance. This work involved creating KPIs, monitoring benchmarks, and generating data-driven recommendations—skills directly applicable to measuring sales performance and optimizing pricing strategies.

- I have strong technical proficiency in Python data analysis (pandas, scikit-learn, TensorFlow) and advanced Excel automation through VBA programming. In my current research assistant role at TU Braunschweig, I built analytical pipelines that process biomedical literature data with 94% accuracy in metric extraction. I also create automated reports and dashboards for decision-makers, experience that translates well to preparing sales and controlling reports for trend identification.

- My approach to data pipeline architecture focuses on building scalable, automated systems. I have developed end-to-end workflows that process multi-source data, perform statistical analysis, and deliver insights through custom dashboards. This systematic methodology would be valuable for analyzing historical sales data, generating forecasts, and supporting product range management initiatives.

- I consistently focus on measurable business impact through data-driven optimization. My projects have achieved significant efficiency gains: 60-90% reduction in research processing time, 20x improvement in content production workflows, and substantial cost reductions in automated systems. This results-oriented mindset aligns with your need for someone who can derive actionable optimization suggestions from pricing strategies and market analysis.

I am excited about the opportunity to apply my technical skills and analytical mindset to support Salzgitter's sales management objectives. The combination of my data science education, practical experience in automated analytics, and proven ability to deliver measurable results positions me well to contribute meaningfully to your team while continuing my academic studies.

Warm regards,

Aditya Ghanashyam Ladawa