LENA HORN
DATA ANALYST

CONTACT

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🌐 https://www.linkedin.com/in/lena-horn

SKILLS

◦ DBT, Fivetran, Airflow

◦ Snowflake, SQL

◦ Docker, Git

◦ Azure Devops and Cloud Services

◦ Python, PowerBI

◦ Scrum method

◦ Languages: German (native) English (near native), Dutch (near native)

EDUCATION

MSC Data Science
2019-2020

Tilburg University, Tilburg, The Netherlands

MSC HR Analytics
2017-2019
Tilburg University, Tilburg, The Netherlands,

Specialization: HR Analytics, cum laude.

EXPERIENCE

Veldsinkgroep, Nuenen, The Netherlands
Insurance Company (400 Employees, 1500 associated agents)
Data Engineer, 2023-2024

• ***Data Modeling and data pipelines:*** Open up and link new data sources with the existing data warehouse and building data pipelines using Snowflake, DBT, Airflow, BigBird, Fivetran and Azure functions. Data modeling for robust, long-term use in business reports (PowerBI) and data analysis.
• ***Database Management***: User and permission management of DBT projects, Azure resources and Snowflake. Improvement of SQL queries for different departments and clients. Maintaining and fixing bugs in daily production runs such as issues with Azure functions for automated data acquisition from Api's.

Nextgem, Utrecht, The Netherlands
Data Consultancy Company, startup (12 developers) with a focus on financial fraud
Data Scientist, 2021-2023

• Worked as developer on an application for **monitoring financial transactions** in a Dutch bank. Efficient database design and Object-oriented programming (Python) was implemented to handle the large amounts of data. Presented results to shareholders.
• Implemented a data warehouse system, including design, implementation, testing, documentation and deployment, using Python, SQL and Azure Virtual Machines.
• PowerBI reporting to assess the success of a personalized e-mail marketing campaign on profit and customer buying behavior for a Dutch supermarket chain.

Tranzo, Tilburg University, The Netherlands

Scientific center for care and wellbeing. Collaborated with Elizabeth-TweeSteden Hospital (Tilburg) and Jeroen Bosch Hospital ('s-Hertogenbosch).
Junior Researcher, 2020-2021

• Analyzing hospital data to predict return to work after physical injury.
• Conducted **scientific research**, data preprocessing, data analysis (SPSS, R, Python, Latent Gold), academic writing and presentation of the findings.

• Achievement: Publication of two scientific articles as first author.

Tilburg University, Tilburg, The Netherlands
Internship (3-months) at the Data Science department in collaboration with Elizabeth-TweeSteden Hospital.
Data Science Research Assistant

• Employed Machine Learning for the improvement of individual clinical decision making about brain tumor surgery. I was involved in developing Machine Learning models to predict cognitive functioning after surgery. Tasks involved data preprocessing, data analysis and cluster analysis.