

Piene Claessen

Data Analyst – Data Scientist



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Profile

I am a data analyst and data scientist with a strong track record of developing data products that deliver business value. Skilled at bridging business and technology by identifying needs, translating them into practical solutions, and building them end-to-end. I have a proven ability to communicate technical concepts clearly to stakeholders, demonstrating the value of data-driven approaches. My expertise is in dashboards, workflow automation, and applied machine learning.

Hard skills: Python, SQL, Power BI



Work experience

Officer Data Scientist – Royal Netherlands Airforce

April 2024 – Current (Breda, the Netherlands)

The Data Science Cell is one of the Expert Hubs within the Digital Transformation program of the Royal Air Force. Its goal is to enhance and accelerate the Air Force by developing a wide range of data-driven software solutions. Built a predictive maintenance system for NH90 helicopters using machine learning to forecast part failures, reducing flight operation delays and optimizing spare part inventory.

Officer Data Analyst – Royal Netherlands Airforce

March 2022 – April 2024 (Breda, the Netherlands)

Within the Digital Transformation program of the Royal Netherlands Air Force, I was responsible for a wide range of data-related tasks. Since there was little to no data expertise within the organization, especially during the early stages of the program, I was given significant responsibility for establishing guidelines for data use across the Air Force.

My key responsibilities included:

- Developing dashboards using Power BI
- Creating a platform where airmen could report digital opportunities, using SharePoint/Nintex
- Establishing a data governance and data management framework for the organization
- Training senior leadership (colonels and generals) on the strategic value and use of data

Military pilot in training – Royal Netherlands Airforce

September 2019 – March 2022 (Woensdrecht, the Netherlands)

I spent 2.5 years in training to become a military aviator with the Royal Netherlands Air Force. I completed my officer training at the Royal Military Academy (KMA) and obtained my (frozen) ATPL, with courses such as meteorology, flight planning and monitoring, and human performance. I have approximately 30 flight hours as a military pilot on the Pilatus PC-7.

Database Analyst Setup & Restatement – IRI

January 2018 – September 2019 (Zaltbommel, the Netherlands)

As a Database Analyst Setup & Restatement, I built databases for large FMCG companies in the UK. Since the company was based in the Netherlands, but both the client and the client manager were located in the UK, the work was carried out remotely.

The most important task was to define a clear and logical structure for the database to ensure clients could easily find their products. As each client had their own specific requirements, effective communication and collaboration were essential to accurately define and implement these needs.



Education

Cadet officer training – Royal Military Academy (KMA)

September 2019 – December 2019 (Breda, the Netherlands)

Msc International Management – Tilburg University

September 2016 – January 2018 (Tilburg, the Netherlands)

Bsc Business Management – Fontys university of applied science

September 2012 – June 2016 (Eindhoven, the Netherlands)



Skills and certificates

Technical skills

Python (Numpy, Pandas, Scikit-Learn, Matplotlib, Seaborn), SQL, PostgreSQL, Microsoft PowerBI, Microsoft Excel, Sharepoint/Nintex, Dataiku

Soft skills

Planning and prioritize under pressure, stakeholder communication and managing expectations, training stakeholders

Certificates

Microsoft PL-300 Data Analyst Associate

Microsoft AZ-900 Azure Fundamentals



Internships abroad

Deki Electronics – Bachelorthesis marketing export plan

February 2016 – May 2016 (Noida, India)

Dream AuPair – Internship Data Analytics

February 2015 – July 2015 (Auckland, New Zealand)