

CURRICULUM VITAE

WOUTER SELIS

DATAVIZ CONSULTANT

LET'S MEET WOUTER

As a Data Visualisation consultant at EpicData, I specialise in transforming complex data into compelling, actionable insights. My role involves working closely with clients to understand their unique data visualisation needs and then developing tailored strategies that translate raw data into clear, impactful visuals. Drawing on my expertise in IT, business intelligence and artificial intelligence, I analyse complex datasets to uncover trends and patterns that support informed decision-making.

Working with a talented team of consultants and data analysts, we combine our strengths to deliver exceptional results that consistently exceed client expectations. Our collective goal is to turn data into a powerful tool that drives success.

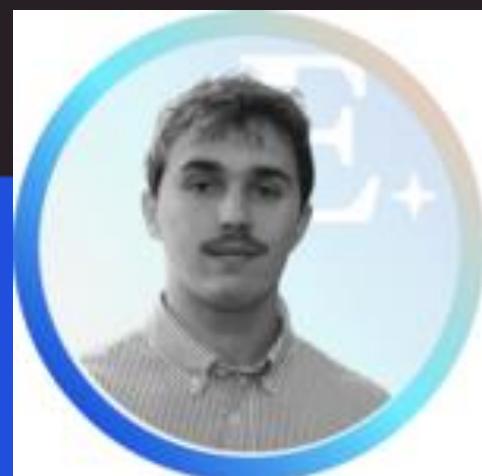
I'm always looking for new challenges that push me to grow and develop my skills. My passion for data analysis and visualisation fuels my commitment to staying ahead of industry trends and best practices. I'm driven by the desire to use my skills to make a real, lasting impact on every project I touch.

PERSONAL DETAILS:

Birth Year: 2002

Residence: Herentals, Belgium

Nationality: Belgian



EpicData.

PROFESSIONAL EXPERIENCE SUMMARY

Discover what I've been up to lately.

- 09/2024 - On going
Data Visualisation consultant
EpicData
- 05/2025 - 05/2025
Hospital report - DataViz Challenge
EpicData - EpicData
- 02/2025 - 04/2025
Migration SAP BO to Power BI
EpicData - EpicData
- 04/2025 - 04/2025
Internal training - Custom Visuals
EpicData - EpicData
- 04/2025 - 04/2025
Power Automate Teams multicast
EpicData - EpicData
- ...
• Started in 02/2024



Visit my personal LinkedIn profile:
www.linkedin.com/in/wouter-selis

REFERENCE CONTACTS

We are happy to share relevant reference contacts for Wouter Selis.

For privacy reasons we only share contact details upon request, so don't hesitate to reach out.

CERTIFICATIONS

Things I brag about to my co-workers.

- Microsoft Certified: Fabric Analytics Engineer Associate - Microsoft (2025)
- Power BI Session 2 - EpicData (2025)
- EC - SAP Business Objects 4.3 Basics - 10 & 11 February - EpicData (2025)
- Microsoft Certified: Power BI Data Analyst Associate PL-300 - Microsoft (2024)
- SSIS Cursus - Verbreed je kennis en vergroot je impact! - EpicData (2024)
- DataViz Knowledge Event - EpicData (2024)
- Training DBT - From 0 to 100 - EpicData (2024)
- SMEP! – Shared Mobility Equity Principles - SMEP! (2024)
- AWS Academy Graduate - AWS Academy Data Engineering - AWS Academy (2024)



LANGUAGES

You can talk to me in:

██████ Dutch

█████ E English

EDUCATION

- **Applied Computer Sciences**

Thomas More

2022 - 2024, Bachelor degree

- **Applied Computer Science**

Karel de Grote University of Applied
Sciences and Arts

2020 - 2022, Bachelor degree

SKILLS

You can ask me about:

TECHNICAL SKILLS (Top 20)

█████ Power Query M language

█████ Power BI (DAX)

█████ Data Analysis

█████ Databricks

█████ Figma

█████ Python

█████ SQL

█████ Grafana

█████ Data modelling

█████ Training

█████ Qlik

█████ Documentation

█████ SAP BO

█████ Microsoft Power Automate

█████ Microsoft Power BI



ABOUT EPICDATA

YOUR PARTNER FOR END-TO-END DATA SOLUTIONS.

Visit our website: www.epicdata.be

At EpicData, we are more than a provider of technology. We guide companies through every stage of their data journey: from strategy and implementation to creating a data-driven culture. For us, data is not an end in itself, but a means to growth, innovation and impact.

EpicData is a thriving community of experts who share knowledge, inspire innovation, and drive real impact with data. **When you work with one of us, you gain the expertise of all of us, leveraging a collective powerhouse of experience and insight.**



DISCOVER EPIC CARE

SUPPORT & SERVICE, RIGHT WHEN YOU NEED IT.

EpicData is here for you with our specialized remote support service. With our support team, we provide expert remote support to help you with all your data challenges. Visit www.epicdata.be/services/support to find out more.

PROFESSIONAL EXPERIENCE DETAILS

Read in-depth about my roles & responsibilities

- * 09/2024 - On going

Data Visualisation consultant

EpicData

I've just started an exciting journey as a Data Visualisation Consultant at EpicData. My work revolves around unlocking the hidden potential in data using powerful tools such as Power Query M Language and Power BI's DAX. It's a role that allows me to turn raw numbers into meaningful insights and help clients make smarter, data-driven decisions.

As I dive deeper into these tools, I'm constantly discovering new ways to visualise data to tell a compelling story. It's about more than just analysing data - it's about turning complex information into clear, actionable strategies that really make a difference. The ability to see how my work can shape business outcomes is what drives my passion and curiosity.

At EpicData, I'm not just learning the ropes, I'm actively creating solutions that help businesses thrive in an increasingly data-driven world.

Responsibilities:

1. Translating Qlik scripts to PowerBi: This involves understanding the structure and logic of the Qlik scripts and recreating the same functionality in PowerBi.
2. Data Modeling: Designing and implementing data models in PowerBi to support reporting and analytics requirements.

Used Tools & Technologies:

Power Query M language, Power BI (DAX), Data Analysis, Databricks, Microsoft Power BI.

* 05/2025 - 05/2025

Hospital report - DataViz Challenge

EpicData - EpicData

This project's goal was to turn a synthetic hospital dataset into a polished Power BI report that combines data enrichment, modeling, and storytelling. I first used Python (with gender-guesser) to fill in missing patient genders, then built a star schema in Power BI to connect all relevant tables. From there, I uncovered insights/trends in admissions, blood type distributions, billing stats while using an overlapping line/bar chart trick to switch views automatically based on slicer selections. I also created paginated patient and doctor registers that drill into individual profiles, complete with gender-based profile images. Finally, I wrapped everything in a calming green hospital-inspired design (crafted in Figma) and a custom "EpicHospital" logo, showcasing a seamless blend of technical skill and user-friendly visuals.

Responsibilities:

Data Cleaning & Enrichment: Pulled the Kaggle hospital dataset, identified missing genders, and ran a Python script (gender-guesser) to fill in patient gender.

Power BI Data Modeling: Designed a star schema with dimension tables (Patients, Doctors, Conditions, Hospitals) linked to a central fact table, ensuring correct relationships and DAX measures for key metrics.

Dynamic Visualizations: Created overlapping line/bar charts for admissions trends that auto-switch based on slicer selections, plus paginated patient and doctor registers with drill-through to detail pages.

Detail Pages: Built patient and doctor profiles showing demographics, conditions, lengths of stay, billing summaries, and gender-based placeholder images.

UI/UX & Branding: Selected a calming green palette, designed layouts in Figma, and developed a custom "EpicHospital" logo combining a medical cross with Power BI elements.

QA & Submission: Tested all filters, measures, navigations, and prepared the final report for EpicData's challenge.

Used Tools & Technologies:

Power BI (DAX), Figma, Python, Microsoft Power BI, Power bi.

* 02/2025 - 04/2025

Migration SAP BO to Power BI

EpicData - EpicData

Provide a clear roadmap to help teams transition from SAP BO to Power BI. The guide compares both tools and covers key topics like report creation, data structure, visualization, sharing, workspaces, exporting, scheduled refresh, and deployment. It's designed to help users adapt quickly and make the most of Power BI.

Responsibilities:

Created clear, user-friendly documentation to support the migration from SAP BO to Power BI. Mapped key features, wrote step-by-step guides with visuals, tested migration scenarios, and collaborated with users and stakeholders to refine content based on feedback.

Used Tools & Technologies:

Documentation, SAP BO, Microsoft Power BI.

* 04/2025 - 04/2025

Internal training - Custom Visuals

EpicData - EpicData

This session empowers users to enhance reports using custom visuals for more tailored, engaging, and insightful data storytelling. You'll learn how to find, import, and integrate custom visuals to meet specific business needs and go beyond Power BI's built-in options.

Responsibilities:

I prepared and led a training session on using custom visuals in Power BI, covering how to find, import, and apply them effectively. I created clear, engaging content with demos and guided participants through enhancing their reports with custom visuals to improve analysis and presentation.

Used Tools & Technologies:

Microsoft Power BI.

* 04/2025 - 04/2025

Power Automate Teams multicast

EpicData - EpicData

This Power Automate flow exports Power BI reports as PNGs and sends them to specific Teams channels with dynamic filters per company. It ensures each team gets relevant, up-to-date insights automatically, ideal for organizations needing regular, tailored report distribution.

Responsibilities:

I designed and implemented an automated workflow to export Power BI reports with dynamic filters and deliver them to the right Teams channels. This streamlined reporting and ensured teams received timely, relevant insights without manual effort.

Used Tools & Technologies:

Microsoft Power Automate.

* 02/2025 - 03/2025

Migration Qlik to Power BI

Galapagos

We're migrating a budget report from Qlik to Power BI by recreating its data, logic, and calculations to ensure accuracy. The goal is to deliver a report in Power BI that matches or improves upon the original Qlik version in both function and clarity.

Responsibilities:

I ensure the budget report works smoothly in Power BI by analyzing the original Qlik version, translating its logic, rebuilding the data model, and thoroughly testing for accuracy. I also focus on usability to deliver a seamless, reliable reporting experience.

Used Tools & Technologies:

Data Analysis, Qlik, Microsoft Power BI.

* 01/2025 - 01/2025

Maven Music Challenge

Maven Analytics

For the Maven Music Challenge, the objective was to create a personalized Spotify Wrapped experience by analyzing and visualizing streaming history. Participants could either use their own Spotify data or the provided sample dataset. I opted for the sample dataset to craft engaging insights.

This project was part of a data visualization challenge, where I placed in the top 5 out of 152 participants. The dashboard effectively turns complex data into a fun, personalized experience, showcasing insights in a way that's both informative and visually dynamic.

Responsibilities:

To bring this project to life, I combined multiple tools and techniques:

- ◊ Power BI for dynamic and interactive visualizations
- ◊ Python + Spotify API to retrieve track images for a richer experience
- ◊ Figma for designing a custom background to enhance the dashboard's look and feel

The result is a compelling data story that mimics the excitement of Spotify Wrapped, transforming raw listening data into an intuitive and visually engaging Power BI dashboard.

Used Tools & Technologies:

Power BI (DAX), Data Analysis, Figma, Python, Data modelling, Microsoft Power BI.

* 11/2024 - 12/2024

Less Is More Store Analysis

EpicData

Built a Power BI dashboard from scratch using simulated store data to compare sales performance. Designed a custom data model and created an interactive report to help identify trends and evaluate store performance at a glance.

Responsibilities:

Identified key KPIs, designed an interactive and visually appealing dashboard, and presented insights to management. Collaborated with colleagues for refinements and aligned the design with branding guidelines.

Achievements:

Delivered a user-friendly dashboard that helped management quickly assess store performance, earning positive feedback for both usability and design.

Used Tools & Technologies:

Power Query M language, Power BI (DAX), Figma, Data modelling, Microsoft Power BI.

- * 11/2024 - 12/2024

Buildwise Zensor data

Buildwise

The goal of this project was to create a Power BI dashboard that provides a clear overview of various sensor readings across different categories including temperature, material loss, electrical conductivity, and reference potential.

The dashboard is designed to help users easily monitor and analyze sensor data, identify trends or anomalies, and support data-driven decision-making.

Responsibilities:

1. Collecting and interpreting data from various sensors.
2. Developing and implementing data analysis & data modelling
3. Using Power BI to create a visual representation of the sensor data.
4. Ensuring the dashboard design is consistent with previous structures.
5. Working together with the team to define new data collection and analysis processes.
6. Presenting information using data visualization techniques.

Deliverables:

A fully functional Power BI dashboard, presenting an overview of sensors in different categories such as temperature, material loss, electrical conductivity and reference potential.

Used Tools & Technologies:

Power BI (DAX), Data Analysis, Data modelling, Microsoft Power BI.

- * 09/2024 - 11/2024

Buildwise CRM project

Buildwise

The mission of the CRM project for Buildwise was to create a Power BI dashboard that provides insights into client companies and their contacts, enabling better tracking and management of relationships.

Responsibilities:

My responsibilities included creating a Power BI dashboard, ensuring a user-friendly design, performing data modelling to structure and prepare the data for visualization and analysis, and maintaining clear communication with the client to understand their requirements and ensure the final product met their needs.

Used Tools & Technologies:

Power BI (DAX), Data modelling, Microsoft Power BI.

* 10/2024 - 10/2024

Internal Training - Intro to Grafana

EpicData

I gave an introductory presentation about Grafana, showcasing its capabilities as a powerful visualization and monitoring tool. The session covered key use cases, explored the variety of data sources Grafana supports, and explained how its alerting functionality helps in proactive monitoring. I concluded with a live demo to illustrate how Grafana can be effectively utilized to build interactive dashboards and actionable insights.

Used Tools & Technologies:

Grafana, Training.

* 09/2024 - 09/2024

Buildwise Pilot/POC Real Time IoT Data

Buildwise

The goal of this POC was to create a dashboard for viewing real-time data from the W20 bridge sensors. This dashboard was built in Grafana and had to update every 5 seconds.

Responsibilities:

To develop real-time data with a direct connection between EventHub and Grafana.

Used Tools & Technologies:

Data Analysis, SQL, Grafana.

* 02/2024 - 05/2024

Tomorrowland Data Maestro

EpicData

During my internship, I was tasked with an exciting challenge: using data to improve the legendary Tomorrowland festival experience. The festival's operations and attendee satisfaction were top priorities, and I knew that data could unlock new insights. Armed with Power BI, I dove into the festival's vast amount of data with the goal of developing actionable strategies to increase efficiency and maximise revenue.

As I explored the data, I wasn't just creating visualisations, I was uncovering stories within the numbers. Each graph revealed important trends, from ticket sales patterns to attendee behaviour. My job was to translate these insights into meaningful solutions. Using Power BI's powerful DAX capabilities and working with tools like Databricks and Python, I developed visual dashboards that not only presented insights, but also offered solutions to improve the overall festival experience.

The project wasn't just about crunching numbers, it was about making Tomorrowland run smoother, making informed decisions and delivering a memorable experience for every attendee. In the end, I had the privilege of shaping strategies that could have a lasting impact on one of the world's biggest festivals.

Tools like Power BI, Databricks and Python were instrumental in turning raw data into real improvements. And for me, this internship was more than just a learning experience, it was an opportunity to see how data can transform large-scale events like Tomorrowland into something even more extraordinary.

Used Tools & Technologies:

Power Query M language, Power BI (DAX), Data Analysis, Databricks, Figma, Python, SQL, Microsoft Power BI.