

# DANIËLLE KOTTER

## WORK EXPERIENCE

### PERSONAL DETAILS

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-  /daniëlle-kotter
-  +31 627484922
-  Dutch
-  Düsseldorf

### KEY COMPETENCIES

- Collaborative
- Analytical
- Eager to learn
- Adaptive
- Entrepreneurial
- Strategic

### LANGUAGES

- Dutch - Native
- English - Fluent
- German - Conversational
- Spanish - Beginner

### CERTIFICATION

Batch data pipelines on Google Cloud - Google Cloud

Tech Stack: Google Cloud, Big Query, PySpark, Apache Spark, Dataflow

Data lakes and warehouses on Google Cloud - Google Cloud

Tech Stack: Google Cloud, Big Query

Databricks fundamentals - Databricks

Tech Stack: Databricks

Data Analyst - DataCamp

Tech Stack: SQL, R, Python

Professional Google Data Analytics - Google

Tech Stack: SQL, Tableau, R, Excel

### Senior Data Engineer - PALLAS

Alkmaar, the Netherlands | May 2022 - Jan 2025

- Led the design and evolution of a **centralised data platform (CDE)** and **semantic data model**, enabling verified, governed and analytics-ready data across the organisation
- Owned the **end-to-end data lifecycle** through development of scheduled and event-driven **ETL pipelines**, including ingestion, transformation, validation and exposure of all data delivery such as 3D models, documents and data sheets
- Enabled **self-service analytics** and reporting by developing **REST APIs** and maintenance of a **web application** built on the Angular Framework used by internal and external stakeholders
- **Collaborated** seamlessly with contractors, cross-functional disciplines and own team to establish **data governance** through requirements translation, data models design, monitoring progress, streamlining workflows, creating documentation, and aligning technical direction
- Initiated and led the development of an **LLM-powered internal search engine**, applying **NLP techniques** to improve access to documentation
- Established **CI/CD workflows** using Docker, Git, and Azure DevOps
- Acted as **technical lead**, mentoring developers, reviewing architecture and code, managing the **SCRUM backlog** and aligning technical decisions with business priorities

Tech stack: Python, SPARQL, SQL, Falcon (REST APIs), Semantic Data Models, Weaver (Graph Database), ETL, NLP, Angular, Typescript, Swagger, MongoDB, Azure DevOps, Git, Docker, CI/CD, SharePoint

### Analytics Engineer - Queen's Park

Amsterdam, the Netherlands | Jan 2022 - May 2022

- Designed and delivered a player analytics platform, enabling insight-driven decision-making for internal stakeholders
- Developed an interactive self-service analytics dashboard using Plotly Dash, a Python-based reactive web application, integrated into the internal IT infrastructure
- Worked closely with stakeholders to translate business questions into metrics, visualisation and analytical insights

Tech stack: Python, SQL, Plotly Dash, Flask, Microsoft Azure, HTML/CSS, Data Warehousing

# DANIËLLE KOTTER

## SELECTED PREVIOUS WORK EXPERIENCE

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Tech Stack: SQL, R, Python

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### Cluster Reservations Agent - YTL Hotels UK

London, United Kingdom | Nov 2019 - May 2020

- Assisting guest inquiries through direct correspondence for all YTL properties in the UK
- Keeping effective communication with each respective property's operations and management teams

### Assistant Hotel Manager - Hotel con Corazón

Oaxaca, Mexico | Feb 2019 - July 2019

- Managerial Internship - Executing a research project and creating a content marketing plan for the hotel
- Optimising business processes (SOP's), managing various projects and organizing internal events

### EDUCATIONAL HISTORY

#### Post-Master's degree in Business Analytics & Data Science

Breinstein - VU Amsterdam | Nov 2021 - Nov 2023

- During a two-year traineeship, gained practical experiences working with clients on project-based assignments
- The curriculum included various subjects such as Statistical Analysis, Big Data & Machine Learning, Data Engineering, SCRUM training, Python, NLP, Leadership, and dashboarding

#### MSc in Management - Specialization in Business Analytics

UPF - Barcelona School of Management | Sep 2020 - Jul 2021

GPA: 8.9/10

- Course selection: Marketing Analytics, Practical Data Science, Advanced Statistical Methods, Marketing Research, Operations Management, Strategic Management and Entrepreneurship, and more
- The thesis entailed creating a business plan for a sustainable specialty coffee company, incorporating a research component that included a clustering approach to buyer personas. Grade received: 8.5/10

#### BA in Hospitality Management

Hotelschool the Hague - Campus Amsterdam | Aug 2015 - Oct 2019

- Subjects included: Strategic Management, Marketing, Business Model Innovation, Revenue Management and Quality Management
- Developed a comprehensive content marketing plan and conducted a consumer segmentation research project for the thesis