

TOM DE VALK

Consultant Artificial Intelligence & Data at Deloitte. MSc. in Business Analytics at VU Amsterdam, The Netherlands. Former Data & Analytics Intern at EY and Python developer at Baywater Asset Management. BSc. in Mathematical Engineering. International orientation and culturally aware as a result of upbringing in US, UK and Singapore.



CONTACT

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LinkedIn Tom de Valk

SKILLS

Python	<div style="width: 80%;"></div>
SQL	<div style="width: 70%;"></div>
Machine Learning in Python	<div style="width: 85%;"></div>
Data Visualization	<div style="width: 75%;"></div>
SAS	<div style="width: 60%;"></div>
Machine Learning in SAS	<div style="width: 70%;"></div>
Visual Basic for Applications	<div style="width: 75%;"></div>
PowerBI	<div style="width: 70%;"></div>
R Programming	<div style="width: 80%;"></div>

CERTIFICATIONS

Google Cloud Digital Leader
AWS Cloud Practitioner

PROFESSIONAL INTERESTS

Machine Learning
Algorithmic Trading
Data Science
Programming

LANGUAGES

Dutch
English
Spanish



HOBBIES

Fitness
Basketball
Sports Cars
Hiking

EXPERIENCE

📅 10/2024 - Present	Consultant AI & Data
📍 Deloitte Amsterdam, The Netherlands	
📅 10/2022 - 09/2024	Junior Consultant AI & Data
📍 Deloitte Amsterdam, The Netherlands	
📅 02/2022 - 07/2022	Data & Analytics Intern
📍 EY Amsterdam, The Netherlands	
Development of a deep learning, evolutionary algorithm and reinforcement learning approach for stock price prediction and portfolio optimization.	
📅 11/2020 - 07/2022	Python Developer
📍 Baywater Asset Management Hilversum, The Netherlands	
Automation of systematic investment strategies along with the development of a simulation and live trading environment.	
📅 06/2020 - 08/2020	Data Analyst
📍 Zilveren Kruis Leusden, The Netherlands	
Development of a computer vision model to analyze patient X-rays to enable automated approval of dentist treatments.	
📅 02/2019 - 06/2019	Data Science & Modelling Intern
📍 Zilveren Kruis Leusden, The Netherlands	
Development of a neural network model for the prediction of health insurance claims to detect inefficient medical care.	
📅 02/2018 - 07/2018	Software Development Intern
📍 Marketing Evolution New York City, NY, United States	
Development of an application to analyze and categorize image and video advertising using machine-learning APIs.	

EDUCATION

📅 09/2020 - 07/2022	MSc. Business Analytics
📍 VU University Amsterdam, The Netherlands	
✍️ Publication: <i>A Comparison of Approaches for the Time Series Forecasting of Motorway Traffic Flow Rate at Hourly and Daily Aggregation Levels</i>	
📅 09/2019 - 07/2020	Premaster Business Analytics
📍 VU University Amsterdam, The Netherlands	
📅 09/2015 - 07/2019	BSc. Mathematical Engineering
📍 The Hague University of Applied Sciences Delft, The Netherlands	
✍️ Minor in Finance & Accounting at HU University of Applied Sciences	

OTHER EXPERIENCE

📅 01/2012 - Present	Basketball Trainer & Coach
📍 Eem'78 Eemnes, The Netherlands	
🏆 Basketball Trainer 2 Certification - Nederlandse Basketball Bond	