

TOM DE VALK

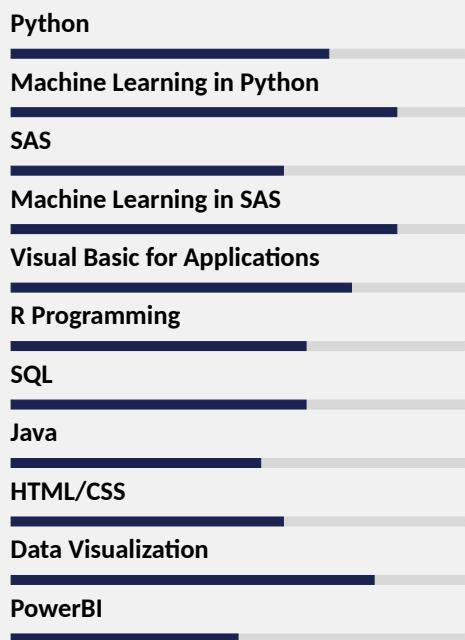
MSc. student Business Analytics at VU Amsterdam, The Netherlands. BSc. in Mathematical Engineering. Former Data Analyst at Zilveren Kruis. Internships at Zilveren Kruis, The Netherlands and Marketing Evolution, New York City. International orientation and culturally aware as a result of upbringing in US, UK and Singapore.



CONTACT

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🏡 www.tomdevalk.com
in Tom de Valk

SKILLS



PROFESSIONAL INTERESTS

Data Science
Machine Learning
Programming
Statistics

LANGUAGES

English
Dutch
Spanish

HOBBIES

Fitness
Basketball
Photography
Sports Cars
Hiking

EXPERIENCE

- | | |
|--|---|
| 📅 11/2020 - Present | Python Developer |
| 📍 Baywater Asset Management
Hilversum, The Netherlands | Automation of systematic investment strategies. |
| 📅 09/2020 - Present | Mathematics Tutor |
| 📍 Yellow Education
Hilversum, The Netherlands | Tuition of high school students in mathematics. |
| 📅 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 - Present | MSc. Business Analytics |
| 📍 VU University
Amsterdam, The Netherlands | |
| 📅 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 | |
| 📅 09/2017 - 01/2018 | Minor Finance & Accounting |
| 📍 HU University of Applied Sciences
Utrecht, The Netherlands | |

OTHER EXPERIENCE

- | | |
|--|----------------------------|
| 📅 01/2012 - Present | Basketball Trainer & Coach |
| 📍 Eem'78
Eemnes, The Netherlands | |
| Coaching and training of multiple basketball teams. | |

ATTACHMENTS: PROJECTS, COURSES

PROJECTS

MSc. Business Analytics

Project Optimization of Business Processes

Premaster Business Analytics

Machine Learning Project

Big Data Project

BSc. Mathematical Engineering

KLM Logistics Project

Visual Basic for Applications Project

Methods and Techniques Project

Operations Research Project 1

Actuarial Mathematics Project

Operations Research Project 2

Minor Finance & Accounting

Financial Management Project

COURSES

MSc. Business Analytics

Applied Stochastic Modelling
Statistical Models

Advanced Machine Learning

Deep Learning

Premaster Business Analytics

Stochastic Modelling
Introduction to Programming (Java)

Machine Learning

Statistical Data Analysis

BSc. Mathematical Engineering

Basic Mathematics
Descriptive Statistics
Graph Theory
Logic and Proving Algorithms
Computer Skills
C-Programming
Differential Calculus
Linear Algebra 1
Project Skills
Visual Basic for Applications
Probability Distribution
Linear Programming 1
Integral Calculus

Research Skills
Linear Algebra 2
Actuarial Mathematics 1
Mathematical Modelling
Communication Skills
Reporting Skills
Estimating and Testing
3D Functions
Object Oriented Programming
Numerical Mathematics
Academic English
Testing Statistics
Differential Equations

Actuarial Mathematics 2
Databases
Number Theory
Economics
Business Economics 1
Marketing 1
Marketing 2
Stochastic Modelling and Simulation
Deterministic Operations Management
Contact with the Client
Clusteranalysis

Minor Finance & Accounting

Financial Management
Finance and Business Analysis

Financial Reporting
Management Accounting

Management Accounting and Financial Calculations

LinkedIn

Advanced Python
Artificial Intelligence Foundations: Machine Learning
Data Visualization for Data Analysts
Deep Learning: Image Recognition
Improving Your Listening Skills
Learning Data Science: Ask Great Questions
Machine Learning and AI Foundations: Recommendations
Python for Data Visualization
Ram Charam on Coaching High Potentials

Pandas for Data Science
Blockchain Basics
Data Visualization: Storytelling
Presenting Technical Information with Stories
Strategic Thinking
Impromptu Speaking
Neural Networks and Convolutional Neural Networks Essential Training