

TOM DE VALK

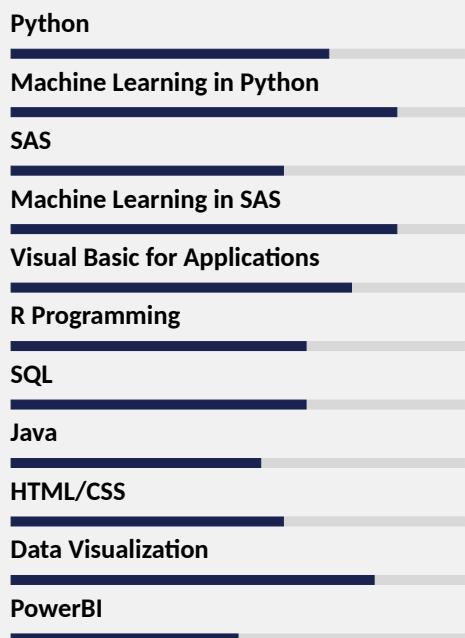
MSc. student Business Analytics at VU Amsterdam, The Netherlands. BSc. in Applied Mathematics. Python developer at Baywater Asset Management and former data analyst at Zilveren Kruis. International orientation and culturally aware as a result of upbringing in US, UK and Singapore. Currently looking for an exciting graduation internship.



CONTACT

✉ tomdevalk@hotmail.nl
📞 +31 6 43516203
🏡 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.
📅 03/2021 - 06/2021	Teaching Assistant
📍 De Vrije Universiteit Amsterdam, The Netherlands	Assistance of students in online lab sessions, grading of assignments and provision of feedback for the course Computational Intelligence of the BSc. Artificial Intelligence.
📅 09/2020 - 06/2021	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	
🏆 Basketball Trainer 2 Certification - Nederlandse Basketball Bond	Coaching and training of multiple basketball teams.

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

Natural Language Processing

Advanced Machine Learning

Research Seminar Business Analytics

Data Mining Techniques

Deep Learning

Entrepreneurship in Analytics & AI

Machine Learning for the Quantified Self

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

Persuasive Coaching