Rick Tenbült

M&A Data Analyst

🌐 Data Science Portfolio

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🏠 Duizel, The Netherlands

Technical Skills

Python (NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn)

SQL

Machine Learning

Deep Learning

Statistics

PowerBI

Competences

Problem Solving

Analytical Thinking

Reporting and Result Sharing

Interpersonal Skills

PROFILE

A passionate data analyst with a background in data science and business administration. Actively engaged in diverse projects, applying my acquired knowledge and continuously improving my technical skill set.

EXPERIENCE

Data Analyst Merge & Acquisition

The Schippers Group, Hapert | February 2024 – Present

- Responsible for collecting, analyzing, and interpreting financial data
- Advise the shareholders on investment projects and acquisition targets
- Perform due diligence research on investments and acquisitions
- Developed a low-code app to digitalise the periodical financial KPIs

Graduate Intern: Data Scientist

D-Data, ‘s-Hertogenbosch | September 2023 - January 2024

- Develop a generic, automatic multilevel regression model to analyze data with nested or hierarchical structures
- Determine the optimal level at which random effects should be included in the model
- Thesis was assessed with a 7.5

Graduate Intern: Data Analyst

ASML, Veldhoven | September 2021 - June 2022

- Developed a preventive maintenance model in Python using the Kaplan-Meier estimator to plot the survival probability for wear-out parts
- Used survival plots and business cases to indicate the need to transition from reactive to preventive maintenance
- Indicated that preventive maintenance can result in an annual cost reduction of over 50% per system compared to the reactive strategy
- Thesis was assessed with a 10 and nominated for the best bachelor’s thesis of the academic year

Intern: Business Administration

ASML, Veldhoven | February 2021 - June 2021

- Developed a cost of non-quality model using the life cycle of a part to map the financial impact of part failure for both ASML and the customer
- Improved cost modelling by adding additional cost parameters to improve cost of non-quality calculations

Part-Time Jobs

Cook, Store Clerk, Dishwasher | March 2013 - May 2023

EDUCATION

Master of Data Science

Tilburg University, Tilburg | February 2023 - January 2024

- Grade: 7.62 (GPA 3.59/4.0)
- Courses: Machine Learning, Deep Learning, Data Mining, Data Processing (Advanced), Statistics, Database Management, Regulation and Law

Pre-Master of Data Science

Tilburg University, Tilburg | September 2022 - February 2023

- Grade: 7.9 (GPA: 3.9/4.0)
- Courses: Programming, Artificial Intelligence, Statistics, Calculus, Research

Bachelor of Business Administration
Avans University of Applied Sciences, ‘s-Hertogenbosch | September 2018 - June 2022

- Grade: 7.8 (GPA: 3.8/4.0)

PROJECTS

Concrete Strength Prediction

- Description: Predicted concrete strength to allow civil engineers to accurately assess the structural integrity of buildings or infrastructural projects.
- Technologies: Python, XGBoost, Scikit-Learn, Pandas, Matplotlib, Seaborn.
- Link: github.com/RickTenbult/Concrete-Strength-Prediction

Hotel Reservation Prediction

- Description: Predicted customer cancellations to improve satisfaction, optimize hotel operations, and enhance revenue management.
- Technologies: Python, XGBoost, CatBoost, Imbalanced-Learn, Scikit-Learn, Pandas, Matplotlib, Seaborn.
- Link: github.com/RickTenbult/Hotel-Reservation-Prediction

Airline Satisfaction Prediction

- Description: Predicted airline satisfaction to improve satisfaction and address passenger needs.
- Technologies: Python, XGBoost, CatBoost, Imbalanced-Learn, Scikit-Learn, Pandas, Matplotlib, Seaborn.
- Link: github.com/RickTenbult/Airline-Satisfaction-Prediction

Power Consumption Forecasting

- Description: Forecasted hourly power consumption to allow power companies to plan and optimize electricity generation and distribution.
- Technologies: Python, Prophet, Scikit-Learn, Pandas, Matplotlib, Seaborn.
- Link: github.com/RickTenbult/Power-Consumption-Forecasting

Loan Approval Prediction

- Description: Predicted loan approval to enable lenders to make informed decisions by analyzing applicants’ financial history objectively.
- Technologies: Python, XGBoost, CatBoost, Hyperopt, Imbalanced-Learn, Scikit-Learn, Pandas, Matplotlib, Seaborn.
- Link: github.com/RickTenbult/Loan-Approval-Prediction