Johan van Donk

Graduate Analyst
Artificial Intelligence & Analytics (AIA)
Cognizant

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SUMMARY

Translating diverse business needs into actionable analysis and code is what drives Johan. With his background in research and consulting, he is experienced with providing data-driven solutions to a diverse range of challenges. His strength lies in quantifying and analyzing data problems from a scientific point of view, while taking into consideration practical concerns.

In his free time, Johan likes to work on his aquarium, hike into nature and listen to music.

Areas of expertise

- Advanced Analytics
  - Statistical programming (Econometrics), Machine Learning
- Data Visualization
  - R, GIS, Tableau
- Programming
  - Python / R / SQL

WORK EXPERIENCE

Cognizant

Jan 2022 - Present

Graduate Analyst – Artificial Intelligence & Analytics (AIA)
Cross-functional analyst position within Cognizant's Artificial Intelligence & Analytics (AI&A) team with a focus on Data Science & Data Engineering

Solve Consulting

Oct 2020– Jul 2021

Student consultant– Solve Consulting Rotterdam

- Completed 2 strategy consulting projects in the Dutch utility & commodity market
- Developed a data-driven growth strategy regarding green energy opportunities by integrating and analyzing 3 (non)-public databases.
- Analyzed and standardized data flows within the operational team, presenting outcomes to upper management
- Responsible for geographical cluster analysis and modelling potential supply/demand issues in the Dutch power sector

Erasmus

Sep 2019 – Aug 2020

Research Assistant– Erasmus School of Economics

- Data management and descriptive modelling of historical geographic data in the field of urban economics
- Provided matching and analysis on 30k trade observations
- Programmed theoretical research into estimation and forecasting models for applied research problems

EDUCATION

Master's degree
2020 - 2021

International Economics, Erasmus University Rotterdam (MSc)

- Skills: Data mining, Data analysis, Empirical statistics, ETL, Macro-economics (Trade Economics and International Finance), Statistical programming
- Master's Thesis: Estimating demand-side dynamics of cryptocurrency loans by utilizing non-parametric statistical frameworks

Bachelor's degree
2017 – 2020

International Economics, Erasmus University Rotterdam (BSc)

- Bachelor Research Honours class 2020. Top 15 students within the faculty are chosen each year to be trained for academic research
- Bachelor's Thesis: The impact of natural disasters on the foreign exchange rate.
- Minor: Port management and Maritime logistics

Training

- Python (libraries: NumPy/Pandas/Statsmodels/Matplotlib)
- R (libraries: tidyverse/spatstat/quantreg.

Languages

- Dutch (Native); English (Fluent)