

Kristof Boghe

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SKILLS

- **Tech stack/skills:**
 - *[Intermediate]* Python, SQL, Power BI, web scraping, maintaining databases, writing stored procedures.
 - *[Basic]* Azure, Git, R (I code in Python for the last 5 years, so a bit rusty), Streamlit (web apps), Docker.
- **Modeling & machine learning (scikit-learn, statsmodels, tensorflow/keras,...):**
 - *[Intermediate]* (Regularized) regression, (density-based) clustering, tree-based methods (e.g. LightGBM), time series modeling (ETS, ARIMA,...), dimension reduction, survival modeling, NLP.
 - *[Basic]*: Transformers, recommender systems, SVM, multilevel modeling, prompting & OpenAI API.

WORK EXPERIENCE

Koninklijke Oosterberg

2020 – Present

Data Scientist

Apeldoorn, NL

- Oosterberg is a wholesale electronics company operating in the Netherlands. As a data scientist, I translate raw financial, logistical and marketing data into usable insights and predictive models to increase operational efficiency, decrease customer churn and increase revenue and customer satisfaction.

Ghent University / VUB

2019 – 2020

PhD student & teaching assistant (digital methods)

Ghent/Brussels, BE

- Co-created a new course titled 'digital methods', which covers topics related to collecting and analyzing digital data (web scraping, APIs, data wrangling, machine learning, natural language processing,...).
- A1 publications: Exploring the Effect of In-Game Purchases on Mobile Game Use with Smartphone Trace Data (2020); (What) Can Journalism Studies Learn from Supervised Machine Learning? (2020)

TriFinance

July 2018 - Nov. 2018

Data consultant

Brussels, BE

- Served as the main data scientist for the 'HR analytics project'. We aimed to leverage the vast amount of data available in several personnel databases to gain some insight into common HR-processes. The end goal was to increase our understanding of when and why consultants leave the company to inform HR-workflows.

iVOX

2017-2018

Researcher

Leuven, BE

- Learned to conduct market research from A to Z: from designing surveys, analyzing data to presenting results to stakeholders. I was especially interested and specialized in conducting voter profiling analyses for political parties and introducing new methodologies (e.g. decision trees, Latent Class Analysis,...) within the company.

KU Leuven (KUL)

2015-2017

Teaching assistant (Statistics/data-analysis)

Leuven, BE

- Taught the practical sessions of the course 'quantitative data analysis'. I developed my own learning materials and exercises using real research data. During my time at the KUL, I also gave several guest lectures on film history and film analysis at Leuven University and LUCA School of Arts (film school).

EDUCATION

KU Leuven (KUL)

2012/2015

Master Communication Sciences (2012; Magna cum Laude); subject-specific teacher training (2015; Magna cum Laude)

Leuven, BE

INTERESTS

- **Interests:** Film history, photography, modern political history, reading, tinkering around with/breaking Linux.