

Kevin Vanderspikken

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Data scientist

Data scientist graduated as an engineer, with a strong background in mathematics and experience in Big Data and machine learning. Passionate about data science.

Skills

Technical

- SQL
- PYTHON (pandas, scikit-learn, NLTK)
- MATLAB
- Excel
- Tableau
- C3.js chart library

Soft

- Analytical skills
- Self-learning
- Performance-driven
- Presentation skills
- Interpersonal skills
- Intercultural skills

Experience

2015–2017 **R&D engineer and analytics consultant**, *Vadis*, Brussels (Belgium).

- Delivered a list of prospects for a customer by making use of and improving an in-house text mining tool. Pre-processed text using natural language processing techniques, extracted features and trained classification models.
- Improved bankruptcy risk categories by applying unsupervised machine learning algorithms. Presented solutions using Tableau dashboards and convinced internal and external customers by focusing on their concerns.
- Created a proof of concept version of a user interface, using C3.js, for exploring data and displaying details on trained models.

2012–2015 **Senior SAP Netweaver consultant**, *Capgemini*, Brussels (Belgium).

- Delivered applications querying database tables (i.e. use of SQL) for automating business processes.
- Worked on the premises of multiple clients in the utility sector. In charge of liaising the project developments with the client.
- Worked remotely for a Singapore-based company. Managed one employee based in India.

Education

2011–2012 **Master of information management**, *University of Leuven (KUL)*, Leuven (Belgium).

Completed a thesis aiming to benchmark data mining techniques for predicting ratings of financial institutions. Derived new features, trained and tested different types of models (k -nearest neighbor, decision tree, logistic regression and support vector machine).

2009–2011 **Master of engineering in applied mathematics, major in operational research and financial mathematics**, *University of Louvain (UCL)*, Louvain-la-Neuve (Belgium).

- Applied optimization techniques, numerical methods and stochastic processes during multiple projects in domains such as operational research and finance. Used mostly MATLAB for implementing solutions.

- Presented project results in front of audience multiple times a year.

- Participated in a four months exchange program at the Technical University of Denmark.

2006-2009 **Baccalaureate of engineering sciences, major in applied mathematics and management**, *University of Louvain (UCL)*, Louvain-la-Neuve (Belgium).

Languages

French, English, Dutch

Full professional proficiency

Interests

Singing, playing guitar, running, travelling, data science