dr. ir. Gilles Vandewiele
Co-founder Optioryx

🎂 26 October 1993

📍 Ghent, Belgium

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about

Gilles was originally born in the most beautiful city of Belgium, but had to migrate to Ghent in order to obtain a university degree. In 2016, Gilles Vandewiele graduated magna cum laude as a computer science engineer at Ghent University. After completing a PhD in Artificial Intelligence in 2021, Gilles co-founded Optioryx, which helps companies cut down their costs and CO2 emissions using AI technologies.

socials

in linkedin.com/in/gillesvandewiele

🐦 @Gillesvdwiele

Ⓜ gillesvandewiele.medium.com

digital CV

education

2021	Ph.D. Computer Science Engineering
	"Explainable Data Mining for Critical Domains Based on Complex Data Structures"
2016	M.Sc. Computer Science Engineering
	magna cum laude
2015	B.Sc. Computer Science
2011	Finished High School

experience

Collective[i]	Freelance Data Scientist. February 2021 - July 2021
Ghent Uni.	Postdoctoral researcher. August 2021 - August 2022
Optioryx	Co-Founder. January 2022 - current

selected publications

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2020 Overly optimistic prediction results on imbalanced data: a case study of flaws and benefits when applying over-sampling
G. Vandewiele, I. Dehaene, G. Kovács, . . ., T. Demeester
Artificial Intelligence in Medicine

2020 Tslearn, a machine learning toolkit for time series data
R. Tavenard, J. Faouzi, G. Vandewiele, . . ., E. Woods
Journal of Machine Learning Research

awards & grants

Ⓚ group16

2021 Kaggle: Google Brain - Ventilator Pressure Prediction
first prize. 1/2605

2020 Kaggle: University of Liverpool - Ion Switching
third prize. 3/2618

2020 Kaggle: OpenVaccine - COVID-19 mRNA Vaccine Degradation Prediction
fourth prize. 4/1636

2019 DrivenData: Sustainable Industry - Rinse Over Run
first round winners. 1/1217

open source & projects

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tslearn	A machine learning toolkit dedicated to time-series data.
pyRDF2Vec	Python implementation and extension of RDF2Vec.
GENDIS	A genetic algorithm that extracts shapelets for time series classification.

competences

Problem Solving	Kaggle "Competition Master'" (Top rank: 73/150.000). Top finish in DS competitions of different domains.
Communication	Wrote multiple blog posts and academic papers. Kaggle "Discussion Master" (Top rank: 11/170.000).
Teamwork	Co-author of international and inter-disciplinary papers. Top team finishes in data science competitions. Contributor to popular repositories. Play-maker positions on the football pitch.
Leadership	Supervised internships, bachelor projects & master theses. Monitor in youth movement.