

dr. ir. Gilles Vandewiele Co-founder Optioryx



26 October 1993



Ghent, Belgium



(+32) 479858917



www.gillesvandewiele.com



gilles.vandewiele@optioryx.com

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 cofounded Optioryx, which helps companies cut down their costs and CO2 emissions using AI technologies.

socials



linkedin.com/in/gillesvandewiele



@Gillesvdwiele



gillesvandewiele.medium.com

digital CV



education



Ph.D. Computer Science Engineering

"Explainable Data Mining for Critical Domains Based on Complex Data Structures"

M.Sc. Computer Science Engineering 2016 magna cum laude

2015

B.Sc. Computer Science

2011

Finished High School

experience

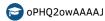
Collective[i] Freelance Data Scientist. February 2021 - July 2021 Ghent Uni. Postdoctoral researcher. August 2021 - August 2022

Optioryx Co-Founder. January 2022 - current

selected publications



Gilles_Vandewiele



Overly optimistic prediction results on imbalanced data: a 2020

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, <u>G. Vandewiele</u>, . . ., E. Woods Journal of Machine Learning Research

awards



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



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.

Wrote multiple blog posts and academic papers. Communication

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.