



Paul de Nailly

January 23, 1995
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 paul.denailly@laposte.net

Networks

ResearchGate
 GitHub
 Personal/Professional Website

Languages

French (native)
English (TOEIC: 900/990)

Technical Skills



Programming

R
 Python

Hobbies

Running
 Guitar and Composition (SoundCloud)
 Surfing, Windsurfing, Kitesurfing
 Writing (Blog)

Experience

2023-2024 **Post-Doctoral Researcher - Gustave Eiffel University**
Working within the MobiTIC ANR project to study multimodal mobility of people in the Rhône-Alpes region. Implementing data fusion models and discrete choice models.

07-12/2022 **MSc Internship Supervision - RATP Group**
Assisted and coordinated a project on statistical modeling of passenger flows on a transport line.

09-12/2021 **Teaching Assignment - Gustave Eiffel University**
Data Analysis and Tools, 10 hours of teaching.

Education

11/2022 **Big Data, Methods and Practical Solutions for Data Analysis - Orsys**
ETL, Data Analysis, Data Visualization

2019-2022 **Industrial PhD - Gustave Eiffel University / RATP**
Topic: "Learning Methods for Analyzing Multi-source Numerical Mobility Data in Public Transport."
Keywords: machine/deep learning, data analysis, data visualization, multi-source data, mobility, public transport.

04/2021 **6th IVADO/Mila Deep Learning School**
Fundamentals and Terminology of Deep Learning. Courses and Practical Work.

2016-2019 **Engineering and Master's Degree - INSA Lyon / Claude Bernard University Lyon 1**
Dual degree in Bioinformatics and Data Science.

Publications

Journal international

2023 **Deep probabilistic forecasting of multivariate count data with sums and shares distributions. A case study on pedestrian counts in a multimodal transport hub.**
IEEE Transactions on Intelligent Transportation Systems

2023 **Multivariate count time series segmentation with sums and share and Poisson lognormal mixture models. A comparative study using pedestrian flows within a transport hub**
Advances in Data Analysis and Classification

2021 **What can we learn from 9 years of ticketing data at a major transport hub? A structural time series decomposition.**
Transportmetrica A: Transport Science

Conférences internationales avec présentation

07/2023 Transportation Science and Logistics Society Conference Chicago
06/2022 Triennial Symposium on Transportation Analysis Mauritius island
09/2020 European Transport Conference Milan
08/2020 TransitData Workshop and Symposium Toronto

Awards

06/2021 Best Presentation Award - Doctoral Day of the MSTIC Doctoral School, Gustave Eiffel University