Daniel Nowak Assis

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https://github.com/danielnowakassis Nationality : Brazil, Germany

Education

Sorbonne Université *May 2025 – May 2028*
PhD in Computer Science

Pontifical Catholic University of Parana *Jun 2023 – Mar 2025*
Master's degree in Computer Science

- Thesis : Adaptive Splitting Mechanisms in Incremental Decision Trees for Data Stream Mining

Pontifical Catholic University of Parana *Feb 2021 – Dec 2024*
Bachelor's in Computer Science

- GPA: 9.39/10.0 (Hons)

Publications

Behavioral insights of adaptive splitting decision trees in evolving data stream classification 2025
Daniel Nowak Assis, Jean Paul Barddal, Fabrício Enembreck
Knowledge and Information Systems (2025)

Just Change on Change : Adaptive Splitting Time for Decision Trees in Data Stream Classification. 2024
Daniel Nowak Assis, Jean Paul Barddal, Fabrício Enembreck
ACM SAC 2024, Avila, Spain.

Learning with Boosting Decision Stumps for Feature Selection in Evolving Data Streams 2023
Daniel Nowak Assis
ESANN 2023, Bruges, Belgium.

Mass-Based Short Term Selection of Classifiers in Data Streams 2023
Daniel Nowak Assis, Fabrício Enembreck, Jean Paul Barddal
IJCNN 2023, Gold Coast, Australia, 2023

Languages

Portuguese: Fluent
English: Advanced
German: Intermediate-Advanced
Spanish: Intermediate-Advanced

Honors and Scholarships

Marcelino Champagnat Award 2024
Best Student of the 2024 class of Computer Science

PIBIC-Master Scholarship 2023
Allows students with aptitude for research to pursue their Master's degree simultaneously with their Bachelor's, awarded by PUCPR (University).

2x Deans List 2023-2024
Awarded to the best students of the Polytechnic School (Engineering and Computer Science)

Undergraduate Research Scholarship 2021-2023
Awarded by PUCPR (University) and CNPq (Brazil's National Council for Scientific and Technological Development)

Libraries and Frameworks

Python:

- River (**Project Contributor**) : Data Stream Mining library
- Pytorch : Deep Learning and evidential learning (Dempster-Shafer theory)
- TensorFlow : Deep Learning

Java:

- MOA (**Project Contributor**) : Data Stream Mining

C++:

- Stream-DM : Data Stream Mining