Armel Soubeiga

ML Engineer

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Profile

I interests in real-world applications of Machine Learning and data Mining for software engineering. My research centers on innovative clustering methods.



Experience

Research Scientist

LIMOS, Clermont-Fd - France

- Clustering for trajectories analysis application in health.
- 03-2022 Data Scientist

RCTs, Lyon - France

- Developed AI-based healthcare path analysis algorithms with national health data.
- Developed interactive data visualization tools.
- Created ML algorithm documentation for validation and upkeep.

11-2017 Data Manager/Analyst Consultant

Centre Muraz & World Bank, Burkina Faso

- Quality control: developed data collection tools using Cspro.
- Quality assurance: implemented bash scripts to validate data compatibility with STATA software.

Education

PhD student in Machine Learning Clermont Auvergne University, France

Master in Statistics and Data Science Grenoble Alpes University, France

Bachelor in Statistics and Computer Science Nazi Boni University, Burkina Faso

Projects

07-2023 🖕 evclust — 🖓

Evidential c-Means Clustering for python library. Various clustering algorithms that produce a credal partition.

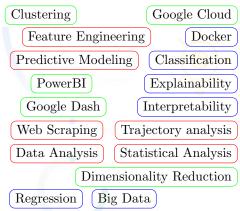
Wax-MNIST — 🖓

Wax-MNIST is an image dataset created for ML. It is represent colored patterns found on African fabrics.

Strengths

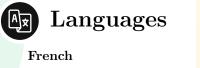
- Teaching Assistant, Statistics
 Data Science: Teaching Page
- Online Course and Certification, Machine Learning - Text Mining - etc : <u>Show More</u>
- **1st Place,** Best rural project (2020): enhancing chicken farming through AI











English

Working

Fluent

proficiency



- 🔹 Activities 🛪 😧 💰
- Persistence & Loyalt **٩**
- MSc volunteer tutor \checkmark
- Participation In conferences

1 001 =

present

04-2022

09-2019

↑ 12-2016

present

2022

2019

2017

2016

2013

05-2023

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