Abdourahmane Ndiaye

Data science student

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GENERAL COMPETENCES

- Investement and listening
- Organization
- Teamwork
- Object oriented programming
- Database management
- Data cleaning
- Data analysis

TECHNICAL COMPETENCES

Operating system :
Linux, Windows
Databases / Server :
Access, PostgreSQL, DBeaver
Programming langages :
Python , R , SQL, SAS
Git, Pascal
Libraries & Frameworks :
Scikit Learn, Tensorflow, Pandas, numPy, PyTorch, nltk, dplyr, Rshiny
Softwares & Tools :
Vscode, Spyder, R Studio
Pack Office, Power bi
Languages :
English (fluent), Français(fluent)

INTERESTS

- Reading - Writing
- Psychology and cognitive science
- Sociology - Drawing

EXPERIENCE

Rshiny applications developper
Cabinet Legal Quantum, Lyon

06/2023 - 08/2023

— Rshiny applications debugging, code reorganisation and adding new fonctionnalities.
— Management of the databases linked with the applications.
— Checking and changing accesses for the security of the company's datas.

Languages & tools : R, Rshiny, Rstudio, SQL, phpMyAdmin, git

Natural language processing
laboratoire ERIC, Université Lumière Lyon 2

05/2021 - 07/2022

— Study and test different methods of topic modelling (NMF, NCPD, ONCPD) over tweet corpuses to detect trending topics.
— Formation on usage of git and python for data science.

Languages & tools : Python, git, Github Desktop, Vscode, Anaconda, Jupiter,

FORMATION

Master's degree SISE (Statistics and computer science for data science
ICOM, Université Lumière Lyon II

09/2023 - 09/2024

Class content : Deep learning - Machine learning with python - statistical programming with R - Biostatistic - Data visualisation, BI and Cloud - NoSQL databases - Big Data mining - Big Data Technologies - Web mining and social media analysis - Natural langage processing - Variance analysis and experimental design

First year of master's degree - Computer science
ICOM, Université Lumière Lyon II

09/2022 - 09/2023

Class content : Artificial neural networks - Clustering (kmeans, cah, kohonen cards, tandem-clustering, processing pipeline) - Business intelligence system (Modelisation, MOLAP and ROLAP) - Machine learning (test and model comparison with R) - Agile and SCRUM methodology for IT project management - Python - Databases SQL - SAS

Bachelor's degree - MIASHS (Mathematics and computer science applied to humanities and social sciences)
ICOM, Université Lumière Lyon II

09/2019 - 09/2022

Class content : Python - R - Inferential statistics - Law class - php - Linear models - VBA - Statistical survey - Access databases - Data analysis - Probabilities - Pascal programming - Excel - Research methodology - Linear algebra - Cognitive science

PROJECTS

Analysis of car accidents data in France on the year 2021 via SAS :

— Data cleaning - descriptive statistics - inferential analysis - mapping of the car accidents.
— https://github.com/Abdouragit/Projet_SAS_M1

Datamart creation from a clinics datas :

— Data cleaning - Datamart creation - Power BI Dashboard - Presentation pitch of the project's results.
— https://github.com/Abdouragit/Projet_BI_medicodent