PAUL FAYE

Data | Analytics & Engineering

With over 03 years' experience in data processing and the development of predictive models, I'm passionate about making the most of data and setting up relevant decision-making tools.

📍 2 Place Alphonse Beau de Rochas | 34790 Grabels

✉️ latsoufa@outlook.com

🌐 Linkedin Github

WORK EXPERIENCE

Data scientist | Ph. D. candidate

University of Montpellier

- October 2020 — Montpellier, FR

- ❖ Documentary and technology intelligence.
- ❖ Extraction, cleansing and transformation of massive data.
- ❖ Construction of Machine Learning methods/models.
- ❖ Statistical testing - Reliability / Sensitivity studies.
- ➤ Deployment / Dissemination.
- ➤ Writing of study reports, articles, etc.
- ➤ Presentation of results at seminars, symposia, conferences, etc.
- ❑ Tutorial assistant: Probability and Statistics, Stochastic modeling, etc.

- September 2023

Data scientist | Intern

University of Lille

- February 2020 — Lille, FR

- ❖ 03-month stay in Mayotte to understand data and gather needs.
- ❖ Exploratory analysis
  - ➤ Univariate and bivariate analysis, statistical tests.
  - ➤ Visualization.
  - ➤ Data dimension reduction.
- ❖ Predictive modeling.
- ❖ Spatial interpolation, classification.
- ❖ Synthesis and report writing.
- ❑ Presentation of results.

- August 2020

Sales Advisor

Premium Contact Center International

- June 2016 — Dakar, SN

- ❖ CRM
  - ➤ Collect customer requests.
  - ➤ Identify their needs, orientation.
  - ➤ Inform and advise on the use of Orange brand products and services.
  - ➤ Technical assistance / Troubleshooting.
- ❖ Training new employees

- June 2017

KEY PROJECTS

- ❑ Customer conversion (purchase) path analysis on Azure ML Studio
  - ➤ Prediction of the outcome of the path: conversion or not.
  - ➤ Segmentation of customers with similar behaviors.
- ❑ Launch campaign for a bakery product (whole-wheat bread)
  - ➤ Creation of a survey form.
  - ➤ Definition of data collection strategy.
  - ➤ Analysis of collected data, report writing.
- ❑ Creation of a quantitative analysis web application with RShiny
  - ➤ Factor methods, Regression, Classification algorithms.
- ❑ Creation of a website for the sale / rental of equipment / event services

TOOLS

SGBD | ETL

MySQL · PostgreSQL · Microsoft SQL Server · Access

Cloud computing | HPC

Azure · MESO@LR

Data science

Python · R · SAS · SQL · Excel VBA

Dataviz | Reporting

Tableau · Shiny · rmarkdown

IDE

Jupyter · VS Code · R · RStudio · GitHub · Git · CO

Web

HTML5 · CSS3 · php · Bootstrap · JS · WordPress

EDUCATION & LANGUAGES

2020 — Master Degree in Applied Mathematics and Computer Science
University of Lille, Lille, FR

2017 — Master Degree in Econometrics and Quantitative Finance
University Cheikh Anta Diop, Dakar, SN

2011 — Baccalaureate | Scientific option
University Cheikh Anta Diop, Dakar, SN

FRENCH · ENGLISH · WOLOF · SERERE