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 and Classification algorithms.
- ❑ **Creation of a website for the sale / rental of equipment / event services**

EDUCATION & LANGUAGES

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

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

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

FRENCH   ENGLISH   WOLOF   SERERE

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, RStudio, GitHub, Git, CO

Web
HTML5, CSS3, PHP, Bootstrap, JS, WordPress