**BOUKARI YAMEOGO**

**Business Intelligence – Data Science**

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Portfolio: https://yamess.github.io

## PROFILE

- **Machine Learning**: Classification and regression models development
- **Deep Learning**: Multi Layer Perceptron Neural Network, Convolutional Neural Network (CNN) and Recurrent Neural Network (RNN) with Pytorch, transfer learning with transformers (Bert, Albert, XLNet…) for Q&A, Classification, Text Generation
- **Data Mining**: Feature Engineering, Data extraction, Data cleaning,
- **Cloud computing**: Microsoft Azure, Google Cloud Platform (GCP)
- **Machine Learning Models deployment**: Flask and Django REST API framework
- **Programming skills**: Python, R, SQL, C#
- **Bilingual**: French and English

## EDUCATION

**Master of Business Intelligence (In progress), HEC Montréal,** Dec. 2020
**Azure ML certificate - Machine Learning**, **Collège Maisonneuve**, Nov. 2018
**Master of science – Physics - Université de Moncton**, Oct. 2014

## EXPERIENCES IN BUSINESS INTELLIGENCE

**Position: Business Intelligence Analyst** Jun. 2019 – Dec 2019
**Company: Desjardins**
**Location: Montreal**

- Automate bank accounting analysis
- Develop Power BI reports and dashboard for financial analysis
- IT tools and environment: Power BI, DAX, Power Query, VBA Excel

## DATA SCIENCE PROJECTS

**Subject: Bert For Question Answering with Stanford squad-v2** Jan 2020 – April 2020
**Course: Deep Learning**

- Question Answering Task development
- Models used: Tranformers Bert, Albert and XLNet for question answering
- IT tools and environment: Python, Pytorch, Google Cloud Platform VM with GPU
- Link to project: https://github.com/yamess/Question-Answering

**Subject: Text/document Classification** Jan. 2020- April. 2020
**Course: Deep Learning**

- Text / Document classification task development
- Models used: Transformer Bert for text classification, CNN and LSTM
- IT tools and environment: Python, Pytorch, Google Cloud Platform VM with GPU

**Subject: Data integration in Microsoft Azure using Data Factory** Jan 2020 – April 2020
**Course: Business Intelligence Technology**

- Build an ETL to integrate on premise data on Microsoft Azure with Data Factory
- Microsoft Azure Cloud Management
- Link to the project: https://github.com/yamess/AzureDataFactoryProject
- IT tools and environment: SQL Server, SQL Database, Data Factory, Microsoft Azure

**Subject: Density Peak Clustering Algorithm Development in Python** Sept. 2019- Dec. 2019
**Course: Algorithms For Optimization and Big Data**

- Develop from scratch, implement, and optimize the density peak clustering in python
- Link of the project in GitHub: https://github.com/yamess/DensityPeakClustering
- IT tools and environment: Python, Cython, PyCharm

**Subject: Customer Churn Classification Model Development** Sept. 2019- Dec. 2019
**Course: Data Mining**

- Models Developed: Extreme Gradient Boosting, Decision Tree and Neural Network
- Program developed from scratch
- IT tools and environment: Python, PyCharm

## PERSONAL PROJECTS

**Windows Presentation Foundation Application Development** Oct. 2014

- Inventory Management Desktop Application Development
- WPF App development through MVVM Design pattern with C# and XAML
- Database: SQLite, SQL Server
- Link to the project on GitHub: https://github.com/yamess/DataSmart
- IT tools and environment: C#, SQL, XAML, Visual Studio

## AWARD AND HONOR

Winner of Newtrax and Ivado Hackathon 2019 Apr. 2019

## HOBBIES / INTERESTS

- Reading
- Sport: Soccer