

**Vivien BOGNE TIENOUE**

**Student at EPITA -Final Year: MSc in Computer Science -Data Science & Analytics**

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[My Portfolio](#) 🌐

### **Languages and Tools:**

Python (pandas, sklearn, tensorflow, keras, Pytorch), SQL, Java, AWS, Linux Shell, Spark, Tableau, Power BI, Electronic, Microprocessor, C.

### **Technical Skills:**

Supervised, Unsupervised (Regression, Classification, Clustering, Association), Deep Learning (MLP, LSTM, GRU, CNN), NLP, Computer Vision.

### **Education:**

- **EPITA, 2020- Present    MSc-CS: Data Science and Analytics**
  - **Relevant courses:** Advanced Algorithmic, Operating Systems: Unix, Data Exploration & Preparation, Machine Learning with Python, Statistical Analysis, Artificial Neural Networks, Data Visualization, Predictive Analytics & Data Mining with R, Business Intelligence (BI), Spark & Python for Big Data, Big Data Infrastructure & Cloud Computing, Deep Learning with Python, Cloud Computing using AWS.
- **EAMAC, 2012-2016    ME: Electronics and Computer Science**
  - **Relevant courses:** Computer Architecture, Microprocessor, Semiconductor, electronic, Assembler Programming, C programming.

### **Experiences:**

- **Data Science, EPITA:** **2019- Present**
  - Use Streamlit and LSTM to create a web app where user can predict the Stock price. The accuracy of the prediction was 65%.
  - Use OpenNMT to perform sub-Tokenization, training, Translation, Detokenization and then evaluation of a Neural Machine Translation. The BLEU Score % was 30 and we use BPE with 32k size.
  - Use SVM, KNN, User-based and Item-based algorithm to create a recommender system. The best accuracy was obtained using item-based even though the fit time was greater than the user-based.
  - Deploy wordcount application on AWS
  - Sentiment Analysis using RNN (GRU) and CNN
  - Create a facemask app and sudoku solver using OpenCV.
- **Management, MBOMBO SOLUTIONS:** **2018-2019**
  - SCRUM MASTER at MBOMBO Solutions.
  - Preparation of details Reports and reporting.
  - Responsible of the analysis of the Arkiv software functional data.
- **Software Engineer, MBOMBO SOLUTIONS:** **2016-2019**
  - Create web app for Arkiv Software using Flask.
  - Query data collected by Arkiv software using SQL Server.

**Languages:** French, English, Ghomala.

**Interest:** Basketball, Football, Guitar, Data Science Podcast.