Hamza IMLOUL

Data Scientist - Industrial engineer Agadir, Morocco Mail: hamza.imloul@outlook.com

Phone: +212610391886

Code: github.com/hamzawhite Web: hamzawhite.github.io

Professional experience

Business Data Analyst; Mixtra Trans; Agadir, Morocco | 09/2019 - 10/2020

- Designed the technical specifications, centralized and deployed the fleet management system.
- Conducted feature selection and presented information using data visualization techniques.
- Produced ML models to predict the behavior of the transportation process variables.
- Recognize valuable data sources and automate collection and storage procedures.
- Cleaned and prepared structured and unstructured data, for appropriate statistical analysis.
- Coordinated and supported the team in the daily activities, HSSE insurance, and vehicle routing.

Development assistant engineer; VIVO Energy; Casablanca, Morocco | 02/2018 - 06/2018

- Developed the specifications and UI of the Computerized Maintenance Management System, for fueling equipment in aerodromes.
- Implemented a decision support tool for the renewal of equipment. Saving operational and maintenance costs.
- Delivered risk mapping, Analyzed business continuity plan.

Development intern; Al Barid Bank; Rabat, Morocco | 07/2017 - 08/2017

• Modelled the parcels' routing time, prepared datasets, Increased the accuracy of the KPI related to logistics performance.

Logistics intern; Morocco National Railways Office; Rabat, Morocco | 03/2017 - 06/2017

• Designed the specifications of a desktop application to structure the transported products data, monitoring and analyzing trains Freight, and increased team productivity.

Discovery internship; Lafarge-Holcim; Meknes, Morocco | 07/2015

• Study of the regulation equipment: DISOCONT.

Studies

M. Eng. Industrial engineering, Supply chain management **Ecole Mohammadia d'ingénieurs ;** Rabat, Morocco | 2014-2018

- Relevant courses: statistical learning, statistical process control, operations research

Two years degree in Applied Mathematics. With distinctions **Ibn Zohr University;** Agadir, Morocco | 2012-2014

Certifications



Enterprise Design Thinking Practitioner; IBM

12/2020

Foundations of Strategic Business Analytics; ESSEC Business school

12/2020

Participated in the Franco-Moroccan Entrepreneurial Challenge; EmLyon Business School

05/2019

Member of the support and review team of the Industrial Engineering Club

2016 - 2017

Additional information

Programming skills: R, Python, C++, Matlab, MS Excel, SQL, Arena, CPLEX

Data management: R, Odoo, Git, Restful API

Visualization tools: ggplot2, Plotly, Leaflet.js, Microsoft Excel, Tableau

Languages: English (Fluent), French (Fluent), Arabic (Native)

Others: Graphic drawing, Data visualization, Hiking, Design thinking, research