

Hamza imloul

Data Analyst, Industrial engineer

+212 610391886
✉ hamza.imloul@outlook.com
📄 himloul.github.io
in hamza-imploul
🌐 himloul

Experience

- 2/2021-Now **Operations research Data Analyst**, *Fiverr*, Remote.
Offered services in Data Analytics, and Operations research, for international clients.
- 2019–2020 **Data Analyst**, *Mixtra Trans*, Agadir, Morocco.
Designed an R Shiny app for Transportation management system.
 - Analyzed sensors and geospatial data of 102 vehicles, prepared and cleaned datasets for reporting.;
 - Researched KPIs and metrics, presented insights using interactive data visualization, spatial maps.
 - Predicted the behavior of the transportation process, Proposed dynamic trip assignment to trucks.
- 2–6/2018 **Junior Development Engineer**, *Shell and Vivo Energy*, Casablanca, Morocco.
Developed the specifications of the maintenance management system, for fueling equipment in aerodromes
Modelled a decision support tool for the renewal of equipment. Saved operational and maintenance costs.
Delivered risk mapping, Analyzed business continuity plan in aerodromes.
- 7–8/2017 **Logistics Data Analyst Intern**, *Albarid Bank*, Rabat, Morocco.
Modelled the parcels' routing time, prepared network dataset, Increased the accuracy of the supply metrics.
- 3–6/2017 **Freight management Intern**, *ONCF*, Rabat, Morocco.
Structured the transported products data, Designed dashboard to monitoring and analyzing trains Freight,

Relevant Projects

- 2/2021 **Optimization**, *Capacitated Pickup & Delivery Vehicle Routing of taxis service*, # VRP # Python.
- 2/2020 **Fleet app**, *Designed a Shiny app to monitor the transportation activity of a business*.
- 11/2019 **Anomaly detection tool**, *in the transportation process, exposed wasting time*, # R.
- 12/2017 **Simulation**, *Simulation of the transport of ships in a bulk port.*, # Arena.

Certificates

- 12/2020 **Enterprise Design Thinking Practitioner**, *IBM*.
- 12/2020 **Foundations of Strategic Business Analytics**, *ESSEC Business school*.

Education

- 2018 **Ing. Industrial engineering**, *Ecole Mohammadia d'Ingénieurs*, Morocco, .
Relevant courses: Statistical learning, Operations research, Manufacturing Processes, Automation
- 2014 **Two Years Undergraduate degree**, *Ibn Zohr University*, Agadir, Morocco, .
Applied Mathematics

Languages

English: Professional, **French:** Fluent/Native, **Arabic:** Fluent/Native.

Computer skills

Analytics: R, Shiny, Python, Excel, API, Tidyverse Visualization: ggplot2, leaflet, plotly
Design: AutoCAD, SolidWorks, Illustrator, Blender
Simulation: Arena, CPLEX, Excel

Interests

Graphic Illustration, Game development, Reading Scientific articles, Hiking