



Mohamed A. E. Elfaki

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Education

Politecnico di Torino

Turin, Italy

MASTER OF SCIENCE IN ENGINEERING AND MANAGEMENT

Oct 2019 - Apr 2022

- **Alta Scuola Politecnica** (XVI Cycle)

University of Khartoum

Khartoum, Sudan

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Oct 2010 - Aug 2015

- **Grade:** Second Class: Division one
- **Thesis:** Vapor recovery in service stations.

Experience

DPV S.p.a.

Turin, Italy

DATA ANALYST

Jan 2024 - Present

- **Data Engineering and Transformation:** Leveraged Alteryx and Tableau prep to efficiently extract, clean, and transform complex datasets, optimizing data pipelines for improved accuracy and efficiency.
- **Dashboard Development:** Utilized Microsoft Power BI to design and develop interactive, visually appealing dashboards, providing actionable insights to key stakeholders and clients.
- **Server Administration:** Managed and maintained Alteryx and Tableau Server environments, ensuring optimal performance, reliability, and security.
- **Automation and Reporting:** Automated routine tasks and generated comprehensive reports using Alteryx, streamlining processes and saving time.
- **Client Collaboration:** Collaborated closely with business users to understand requirements, translate them into technical solutions, and deliver impactful data visualizations.

The Information Lab Italia

Milan, Italy

TABLEAU AND ALTERYX CONSULTANT

Feb 2022 - Dec 2023

- **Requirements gathering:** Work with Business users to understand the user requirements, layout, and look and feel of the dashboard to be developed.
- **Data Visualization:** Created interactive dashboards using Tableau to uncover data-driven insights and support informed decision-making.
- **Data Preparation:** Employed Alteryx to efficiently cleanse, transform, and blend diverse data sources, ensuring data quality and consistency.
- **Workflow Automation:** Designed and implemented automated workflows in Alteryx Server to streamline processes and reduce manual effort.
- **Client Training and Support:** Provided comprehensive training and technical assistance to clients, empowering them to leverage data effectively.

DAL Food, DAL Group

Khartoum North, Sudan

SALES OPERATION PROJECT MANAGER

Dec 2018 - Aug 2019

- **Achievements:** Decreased losses related to theft by 40 percent, Developed a plan to implement new sales system, Developed a process to sell manufacturing waste
- Lead projects with emphasis on sales operations, demand planning, cross functional collaboration, analysis and organizational recommendations.
- Develop and implement process improvement initiatives to enhance operation efficiency, effectiveness and cost reduction throughout the organization
- Analyze data of metrics to provide insight and recommendations to improve organizations accountability to profitability and margin
- Assesses problem situations to identify causes, gathers and processes relevant information, generates possible solutions, and makes recommendations and/or resolves the problem.

Skills

Languages	English(Fluent), Arabic(Mother Tongue), Italian(Professional Proficiency)
Programming	Python (Data Analysis)(★★★★☆), SQL (★★★★☆)
Software applications	Tableau (★★★★☆), Microsoft Power BI (★★★★☆), Alteryx (★★★★☆), Knime (★★★★☆), Microsoft Office (Word, Excel, and Power Point)
Other	Lean Six Sigma, Project management, Optimization and problem solving techniques.

Certificates

Alteryx Designer Advanced Certification

Jun 2023

ISSUED BY ALTERYX

Tableau Certified Associate Consultant

Jun 2022

ISSUED BY TABLEAU

Advanced Proficiency in KNIME Analytics Platform

Aug 2022

ISSUED BY KNIME

Extracurricular Activity

SEI Pioneer Program | School of Entrepreneurship and Innovation

Turin, Italy

July 2020 - July 2021

- Gained knowledge about transforming a problem into a prototype through requirements analysis, functional analysis, and agile methodology
- Gained expertise in working in a multidisciplinary team and working together to solve a problem, develop a product and launch a startup

Alta Scuola Politecnica | ASP XVI Cycle

Turin, Italy

March 2020 - October 2021

- **ASP Schools:** Dynamics of Innovation, Design Methods and Processes, Decision making for changing cities, and Digital Medicine
- Worked in a multidisciplinary team, facing a problem, to finding an innovative solution, build an exhaustive design specification present the final product