Salaheddine Kennouda

Data Analyst

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PROFILE

Data analyst specializing in data visualization and predictive analytics with a Advanced Technician in databases and over a year and half of experience in transforming complex data into actionable insights.

SKILLS

Programming languages: Delphi, Python(Pandas, NumPy), SQL Server.

Data analysis skills: Excel, Tableau, data cleaning, data visualization, statistical analysis, and basic machine learning, and data wrangling.

Databases: MySQL, PostgreSQL, MongoDB, Firebase, SQLite, SQL Server, Oracle, Microsoft Access.

Other tools: Git, Figma, Adobe XD, Jupyter Notebook, and Google Analytics.

FEATURED PROJECTS

Algeria's 2020 COVID-19 Pandemic

Tech stack : Python/SQL/Spreadsheet/Power BI

in this project, I undertook a comprehensive, data-driven exploration of the COVID-19 pandemic's impact on Algeria, focusing on the critical first year of the crisis (2020).

Key Highlights:

- **Analyzed Historical Pandemic Data:** Sourced and structured time-series data from verified reports and databases
- **Visualized Key Insights:** Leveraged data visualization principles, similar to a business analysis project, to create a clear narrative.
- **Built a Single-Page Infographic:** This page communicates the pandemic's trajectory, its systemic pressures, and its socio-political consequences, making complex information digestible and impactful.

Click here to Explore the live demo

GTA VI Success Forecast

Tech stack : Python/SQL/Spreadsheet/Tableau

In this project, I explored the potential success of **Grand Theft Auto VI** through a data-driven lens.

Key Highlights:

- **Analyzed** historical GTA franchise sales from a structured CSV dataset.
- **Visualized** insights using Tableau to compare historical trends with current online hype (trailer views).
- **Built** a single-page infographic that communicates the franchise's trajectory and future potential.

Click here to Explore the live demo

The Sahara Superpower: Algeria's Solar Potential

Tech stack : Python/SQL/Spreadsheet/Tableau

In this project, I explored the immense energy potential of Southern Algeria through a data-driven lens.

Key Highlights:

- **Analyzed** solar irradiance and geographic data from public scientific databases (Global Solar Atlas, NASA POWER).
- **Visualized** insights to compare the vast solar resources of the Algerian Sahara with other global regions and total energy demand.
- **Built** a single-page infographic that communicates the region's potential to become a global clean energy superpower.

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EXPERIENCE

Bloomsbury Publishing Plc
London, United Kingdom (Remote) (2022 - 2023)
Tech stack : SQLServer/Google Sheets

- I was responsible for the day-to-day operational management of databases, including performance tuning, backup and recovery, and security.
- Performed regular checks on data to find and correct errors.
- managed the complex process of migrating data from one database to another, ensuring data integrity is maintained.

EURL Montiko
Chelghoum Laid , Algeria (2024 - 2025)
Tech stack : MySQL/Google Sheets/Microsoft Excel

- Helped extract and organize data from different systems to create basic reports with Tableau on sales, inventory.
- Performed regular checks on data to find and correct errors, improving the overall accuracy and reliability of company records.
- Monitored the flow of raw materials and finished goods using Google Sheets to ensure stock levels were accurate and to support production scheduling.
- Handled the entry and maintenance of customer orders and information in the database (MySQL).

INSFP - Martyr Larbi Ben M'hidi (Internship)
Mila , Algeria (2025)
Tech stack : SQLServer/Delphi 12

- Developed a client-server desktop application using Delphi 12 to streamline student attendance tracking.
- Designed the user interface with the VCL framework and Figma to provide an intuitive and efficient user experience.
- Implemented key features like real-time student search and monthly automated PDF reports.
- Architected the back-end on Microsoft SQL Server for persistent data storage, capable of handling over 1,000 student records with efficient query performance

EDUCATION

Baccalauriat's Diploma of Highschool Studies (Branch: Experimental sciences)
High School of Mohamed El-Saddik Ben Yahia, Chelghoum Laid, Algeria   2015-2019

Bachelor's degree in Information and Data Systems
University of Constantine 1 , Algeria   2019-2022
Contributed in developpement a desktop stock management software application using MySQL. as a final project.

Advanced Technician Certificate in Computer science/Option: Databases
National Institute Specialised in Vocational Training - Martyr Larbi Ben M'hidi 2022-2025
Developed a desktop Student Absence Management using Delphi12 and SQL server as a final project.

Meta Data Analyst Professional Certificate 2025
Certificate Code : RV7CJF3KHA2R

Google Data Analytics Professional Certificate 2025
Certificate Code : F946RN7MVI5E