Hussein Issa
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Quebec, Canada

EDUCATION

American University of Beirut
Artificial Intelligence & Data Science Professional Diploma   Oct 2024

Notre Dame University of Louaize
Bachelor's Degree in Nursing   Jun 2021

SKILLS

Programming Languages: Utilized R, SQL, and Python (including Pandas, NumPy, Matplotlib, and Streamlit) for data analysis, manipulation, and visualization.

Tools: Created dashboards with Power BI and performed data analysis and presentations using Excel and PowerPoint.

Data Analysis: Conducted data cleaning, built visualizations, and applied statistical methods to extract and communicate insights from complex datasets.

Machine Learning: Developed and assessed machine learning models, including classification and clustering, using Scikit-Learn to generate actionable data insights.

PROJECTS

Skin Cancer Image Classification Using Deep Learning | Python
- Engineered deep learning models to categorize skin lesion images, reaching an 81% accuracy for early skin cancer detection.

US Regional Sales Dashboard | Microsoft Power BI
- Crafted a multi-page dashboard to visualize and analyze regional sales data, emphasizing customer behavior, sales regions, products, and order trends.
- Implemented dynamic filters and drill-down functionalities for enhanced analysis and actionable insights.

UK Healthcare Provider Dashboard | Microsoft Power BI
- Designed a comprehensive dashboard to track patient satisfaction, medication satisfaction, demographics, and revenue across the UK, offering insights into billing and patient experience.

WORK EXPERIENCE

Khatib Motor Co   Mar 2024 – Present
Data Analyst
- Developed over 10 Power BI dashboards to analyze sales performance and profit and loss, delivering actionable insights to stakeholders.
- Formulated and executed SQL queries for data extraction and validation, ensuring the accuracy and reliability of dashboard reports.

Saint George Hospital University Medical Center   Nov 2021 – Feb 2024
Operating Room Registered Nurse | Specialized in Cardiothoracic
- Recorded and analyzed surgical data, patient charts, and medication records, ensuring accuracy and regulatory compliance, and prepared reports on patient outcomes for quality improvement.
- Utilized electronic health records (EHR) to manage patient information and facilitate communication within the surgical team.
- Tracked and evaluated key performance indicators (KPIs) related to surgical procedures and patient safety, supporting data-driven insights for operational improvements.

Leadership & Management Internship   Sep 2020 – Dec 2020
- Collected and analyzed patient data on ER admission, including vitals and symptoms, using electronic medical record systems to support accurate diagnostics and treatment planning.

CERTIFICATES

Data Analyst Associate Certification | DataCamp   May 2024 – Present
- Gained expertise in Python and data-driven decision-making through 9 courses, a hands-on project, and practical quizzes.

CPR/AED Certification | The Lebanese Red Cross   Feb 2018 – Present