MUHAMMAD ADEEB AZIM BIN MOHD NIKMAN

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SUMMARY

Results-driven Data Analyst with a robust background in computer science and extensive experience in data transformation, dashboard creation, and IT governance audits. Adept in Python, R, SQL, Tableau, and Power BI, with a focus on data visualization and statistical modelling. Demonstrated ability to manage large datasets and provide actionable insights to drive strategic decisions in finance and technology sectors.

EDUCATION

Professional Certificate   *Coursera | Feb 2023 - Apr 2024*
- Google Advanced Data Analytics
- Google Business Intelligence
- Google Data Analytics

K-Youth Development Programme   *TalentLabs | Sep 2023 - Dec 2023*
- Certified Associate in Data Analytics

Universiti Sains Islam Malaysia   *Nilai, Negeri Sembilan | Sep 2018 - Dec 2022*
- Bachelor of Computer Science with Honours, Information Security and Assurance
- CGPA: 3.70 / 4.0

EXPERIENCE

PwC Malaysia | Intern, Digital Auditor   *Federal Territory of Kuala Lumpur | Nov 2023 - Feb 2024*
- Worked in a fast-paced, high-stakes environment as part of a leading audit firm, focusing on enhancing IT governance through comprehensive audits.
- Created detailed flowcharts based on previous documentation to depict process workflows, effectively highlighting different entities, system flows, and any recent changes or discrepancies.
- Managed seven out of eleven IT Governance Control (ITGC) audits within Aura Platinum, identified and addressed inconsistencies, leading to a 15% reduction in audit errors.
- Conducted thorough data audits by reviewing and comparing over 20 Structured Query Language (SQL) queries against prior year scripts, producing clear tables that highlighted data alterations and anomalies, enhancing data integrity and audit accuracy.

Pipeline Network | Associate, System Analyst   *Petaling Jaya, Selangor | Aug 2022 - Jan 2023*
- Collaborated effectively with developers and project managers on a large-scale project encompassing five distinct systems, ensuring timely delivery of deliverables while adhering to Agile methodologies within the Software Development Life Cycle (SDLC).
- Designed and developed Tableau dashboards based on user requirements, which provided actionable insights and improved decision-making by enhancing database integration accuracy by 20%.
- Demonstrated proficiency in data extraction and transformation by utilizing client-provided data and Excel to convert raw information into structured formats before migrating to the database.
- Participated in creating System Design Specifications (SDS), developed detailed test scripts, and conducted extensive User Acceptance Testing (UAT) with multiple stakeholders to validate system functionality and performance.

Setel Ventures | Intern, Analyst   *Federal Territory of Kuala Lumpur | Mar 2022 - Jul 2022*
- Extracted and transformed data from New Relic into Holistics to generate insightful visualizations addressing daily operational issues and trends.

- Led cross-departmental meetings to discuss and systematically resolve bugs, prioritizing issues based on severity and impact on business operations.
- Streamlined data processing workflows, increasing reporting clarity and utility, which contributed to a more efficient resolution of over 1,000 reported issues.
- Categorized and addressed over 1,000 reported issues, resolving more than 30% through root cause analysis (RCA) and creating a comprehensive documentation system for future reference.

SKILLS

Programming Languages: Python, R, SQL, Java, C
Libraries / Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, XGBoost, Power Query, Data Analysis Expressions (DAX), Visual Basic for Applications (VBA), Robotic Process Automation (RPA)
Data Analytics Tools: Jupyter Notebook, Tableau, Microsoft Power BI, Microsoft Excel, Microsoft 365, Google Workspace, UiPath
Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS)

PROJECTS

HR Analytics Job Prediction | Link   *Kaggle*
- Developed a predictive model achieving over 90% accuracy with tree-based algorithms, such as Random Forest, improving HR strategies and reducing employee turnover by identifying key factors.
- Conducted comparative analysis of machine learning algorithms (Logistic Regression, Decision Tree, Random Forest), evaluating performance metrics like AUC, precision, recall, F1-score, and accuracy.

Cyclistic Case Study | Link   *Tableau*
- Analysed over 50,000 records to derive insights on customer demand and usage patterns, directly informing strategic decisions for station placement and expansion.
- Executed ETL processes in Google BigQuery and created interactive dashboards in Tableau, enhancing decision-making capabilities.

Capturing and Retrieval of HIRARC for Laboratory Experiment | Link   *GitHub*
- Transitioned a manual laboratory system to a centralized digital platform for hazard indicators, streamlining data storage and assessment.
- Utilized Waterfall Methodology with Python, Django, and SQL to implement the system, enhancing operational efficiency and data accuracy.

CERTIFICATIONS AND AWARDS

Google Advanced Data Analytics | Link	*Coursera | Apr 2024*
Certified Associate in Data Analytics | Link	*TalentLabs | Dec 2023*
Google Business Intelligence | Link	*Coursera | Jun 2023*
Google Data Analytics | Link	*Coursera | Apr 2023*
First Class in Bachelor's Degree | Link	*Universiti Sains Islam Malaysia | Sep 2022*