NAJWAN SEYYAD

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Profile Info

Data Analyst with 4+ years of experience in insurance MIS and reporting, skilled in SQL, Excel, Power BI, and Power Query for extracting, cleaning, and visualizing data. Completed quantitative modeling projects applying linear programming, simulation, and sensitivity analysis to support decision-making and optimize workflows. Experienced in requirement gathering, data validation, and end-to-end reporting processes, ensuring accuracy and alignment with business needs. Adept at collaborating with cross-functional teams to streamline workflows and deliver actionable insights. Focused on continuous learning and leveraging data to improve efficiency and support organizational performance.

Skills

- Problem Solving & Critical Thinking
- Data Storytelling & Insight Communication
- Data Validation & Testing
- Requirements Gathering & Documentation
- Precision Under Pressure
- Reporting & Data Analysis
- Task & Project Coordination
- Attention to Detail
- Process / Workflow Automation
- Communication & Team Player

Experience

MAR 2020 – FEB 2022

Quantitative Modelling | Cloudware Networks Pvt Ltd | Kandy, Sri Lanka.

- Developed and implemented linear programming models to solve optimization problems, including resource allocation and cost minimization.
- Applied mathematical optimization techniques (min–max optimization, sensitivity analysis) to support decision-making in hypothetical business cases.
- Designed and solved operations research models (transportation, assignment, and scheduling problems) using Excel Solver and programming tools.
- Conducted **Monte Carlo simulations** to model uncertainty and assess risk in decision-making scenarios.
- Applied **queueing theory and inventory optimization** to improve theoretical operational efficiency.
- Developed **cost-benefit analysis models** to evaluate alternative strategies and optimize resource utilization.
- Performed **scenario analysis** to test the impact of variable changes on system

performance.
- Implemented **decision trees and sensitivity analysis** to identify key factors influencing outcomes.
- Designed **multi-objective optimization models** to balance competing goals in constrained environments.

FEB 2022 – AUG 2025
MIS Analyst | Fair First Insurance Limited | Union Place, Colombo, Sri Lanka.

- Collaborated with insurance teams to gather and document reporting requirements for management information systems.
- Assisted in translating business needs into functional specifications to design and improve reporting solutions.
- Extracted, cleaned, and organized data from multiple sources using **SQL, Excel, and Power Query** for MIS reporting.
- Utilized **SAP-generated reports** to support insurance operations analysis and management reporting tasks.
- Supported project tracking and prepared periodic MIS reports to ensure timely delivery of business insights.
- Analyzed claims, policy, and customer data to generate reports that supported performance monitoring and decision-making.
- Designed and maintained **dashboards and MIS reports** in **Power BI and Excel** for senior management.
- Conducted data validation and contributed to **SIT/UAT processes** to ensure system-generated reports were accurate and reliable.
- Partnered with cross-functional teams to streamline reporting workflows and enhance MIS efficiency.

Education

DEC 2018 - AUG 2022
Bachelor's Degree in Statistics and Operations Research | University of Peradeniya | Kandy, Sri Lanka.

Certificates

- Data Visualization and Dashboards with Excel and Cognos | IBM | 2022
- R Programming | John Hopkins University | 2023
- Data Analysis with Python | IBM | 2023
- Data Visualization with Python | IBM | 2023
- Python for Data Science and AI Development | IBM | 2024
- Databases and SQL for Data Science with Python | IBM | 2024