

NAJWAN SEYYAD

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Profile Info

Data Analyst with 4+ years of experience in operations research, MIS, and reporting. Proficient in SQL, Python, Excel, Power BI, and Power Query for extracting, cleaning, and visualizing data. Skilled in optimization modeling, forecasting, and data validation to deliver accurate insights and improve decision-making. Adept at collaborating with cross-functional teams to streamline reporting processes, enhance efficiency, and support business performance.

Skills

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

Experience

MAR 2020 – FEB 2022

Operations Research Analyst | 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.

FEB 2022 – AUG 2025

MIS Analyst | Fair First Insurance Limited | Union Place, Colombo, Sri Lanka.

- Extracted, cleaned, and integrated data from multiple sources using SQL, Excel, and Power Query to support MIS and regulatory reporting.
- Designed and maintained Power BI dashboards with advanced DAX measures to monitor KPIs such as claims turnaround time, policy renewals, and customer satisfaction.
- Conducted data validation, SIT/UAT testing, and root-cause analysis to ensure accuracy of system-generated reports.
- Applied statistical and forecasting techniques to analyze claim volumes, premium trends, and risk exposure for strategic planning.
- Collaborated with actuarial, underwriting, and marketing teams to enhance data accuracy, streamline workflows, and deliver actionable insights for management decisions.
- Ensured compliance with regulatory and audit requirements by maintaining accurate policy, claims, and financial data records.
- Developed and maintained data dictionaries and documentation to improve reporting transparency and knowledge transfer across departments.
- Supported management decision-making by preparing ad-hoc analytical reports on claim ratios, premium performance, and portfolio growth.
- Automated recurring MIS reports using Excel VBA and Power Query, reducing manual effort and turnaround time by up to 40%.

Education

DEC 2017 - 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
- Python and Statistics for Financial Analysis | Hong Kong University | 2025
- Advanced Learning Algorithms | Stanford University | 2025
- Supervised Machine learning Regression and Classification | Stanford University | 2025