THAN SOE AUNG
DATA ANALYST

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Driven and detail-oriented Data Analyst with a strong foundation in Computer Science and hands-on experience in data collection, preparation, analysis, and visualization. Proficient in Python, SQL, Advanced Excel, and Power BI, I have successfully led data-intensive projects such as POI field collections, automated data workflows, and database optimization. Skilled in transforming raw data into actionable insights and creating dashboards for decision-making, I am passionate about leveraging data to solve complex business problems. Collaborative and results-driven, I aim to contribute to data-driven decision-making processes in a dynamic organization.

AREAS OF EXPERTISE

- Data Collection & Preparation
- Data Analysis & Visualization
- Database Management & Optimization
- Cross-functional Collaboration
- Advanced Excel & Power BI
- Python & SQL Programming
- Geospatial Analysis (QGIS)
- Problem Solving & Strategic Thinking

PREFESSIONAL EXPERIENCE

Map Operation Specialist at Grab Myanmar   **Mar 2022 - Present (3 years)**

Senior Position (Mar 2023 – Present)

- **Data Collection & Preparation:** Retrieved and analyzed data using SQL on platforms like Superset, ensuring data accuracy and integrity. Managed and transformed diverse data formats (CSV, TSV, JSON) to meet project requirements.
- **Database Management:** Maintained and optimized over 100 databases, addressing errors and monitoring performance to ensure efficient data systems.
- **Data Analysis & Visualization:** Conducted advanced geospatial analysis using QGIS and Python, creating visualizations and dashboards in Power BI to monitor quarterly performance and present insights to regional teams.
- **Reporting:** Prepared detailed reports and delivered presentations to Program Managers (PgMs) and regional teams, showcasing project progress and actionable insights.
- **Collaboration:** Worked closely with cross-functional teams to understand data needs and improve map accuracy, leading Focus Group Discussions (FGDs) with drivers and bikers to gather feedback.
- **Automation:** Automated manual tasks, such as data translation workflows, using Python to improve efficiency and reduce processing time.
- **Leadership:** Trained junior specialists on POI specifications, map data management, and OpenStreetMap (OSM) processes, ensuring team alignment and knowledge sharing.

Junior Position (Mar 2022 - Mar 2023)

- **Data Collection**: Led POI collection initiatives for Pathein and Mawlamyine, coordinating with vendors and teams to collect 36,000+ data points for Grab Food market expansion.
- **Data Cleaning & Quality Assurance**: Quality-checked and cleaned collected data in Excel before ingesting it into databases, ensuring data accuracy for the Grab application.
- **Collaboration**: Collaborated with senior specialists on projects to improve map accuracy and enhance user experience for drivers and bikers.
- **Process Improvement**: Automated manual tasks in the POI Translation Project using Python, significantly improving efficiency.

EDUCATION

Bachelor of Computer Science (B.C.Sc)

University of Computer Studies, Taungoo | Dec 2015 - Mar 2021

- Completed over 8 academic projects, including database design, data analysis, and programming.
- Relevant coursework: Data Structures, Database Management Systems, Programming (Python, Java, C++), and Web Design.

CERTIFICATIONS

- Data Analysis with Python - freeCodeCamp (Apr 2022)
- Scientific Computing with Python - freeCodeCamp (Apr 2022)
- Java SE and Java EE - DigitalFusion (Phyo Kyaw) (Jun 2021)
- Android App Development with Java - DigitalFusion (Phyo Kyaw) (Jun 2021)

OTHER ACTIVITIES

- Mobile Application Development | Samsaung Scholarship (2017)

TECHNICAL SKILLS

- **Programming Languages**: Python, SQL, Java, C++
- **Data Analysis Tools**: Power BI, Matplotlib, Advanced Excel, Google Sheets
- **Database Management**: SQL, Superset, Database Optimization
- **Geospatial Tools**: QGIS, OpenStreetMap (OSM), Java OSM
- **Web Design**: HTML, CSS, Bootstrap, Adobe XD, Photoshop

LANGUAGES

Burmese (Native)   English (B2)   Japanese (N5)