

# Nyan Lynn Tun

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## Summary

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Experienced Data Engineer with 3 years in Python, SSIS, and Airflow. Proficient in data modeling and adept at building efficient ETL pipelines. Proven track record of delivering scalable solutions, translating business needs into effective data workflows for enhanced efficiency.

## Working Experience

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### KBZ Bank | Yangon

#### Data Analyst | 02/2023 - Present

##### Responsibilities

- Deliver weekly and monthly business insights reports to senior management, providing data-driven recommendations.
- Create and maintain interactive Power BI, SQL, and Python dashboards to track KPIs in daily transactions.
- Calculate and monitor incentives and commissions for KBZpay Agents and Merchants, ensuring accurate settlements and timely payouts.
- Perform ad-hoc data analysis for various teams and departments, supporting business initiatives.
- Collaborate with cross-functional teams to analyze and interpret complex datasets.
- Manage databases, conduct SQL querying, and manipulate data for analysis and reporting.
- Participate in project planning and execution to achieve objectives.
- Designed and implemented a highly efficient local MS SQL data ecosystem, resulting in a significant reduction in team workload.
- Successfully automated daily and weekly reports by creating robust data pipelines with Python and SQL, leading to enhanced operational efficiency.
- Played a pivotal role in conducting crucial ad-hoc analytic projects to support internal decision-making, including a comprehensive feasibility study for the deployment of a new feature in the KBZPay app.
- Fostered effective collaboration with an external data engineering team to ensure seamless data alignment across different departments, promoting better data integration and accuracy.

### City Holdings Limited | Yangon

#### Business Intelligence Developer | 09/2023 - Present

##### Data Engineering

- Responsible for building and maintaining data pipelines across different sectors.
- Partially responsible for designing and building analytical data warehouse from scratch by collecting data from multiple sources.
- Create and optimize downstream and upstream analytical data pipelines for multiple business reports
- Responsible for scheduling, orchestrating, and optimizing of hundreds of multiple data pipelines.
- Responsible for creating and updating data catalog, SOP and ETL version control documentation.

##### Data Governance

- Lead a team of 3 BI developers to re-design data architecture to ensure the single source of truth in multiple reports.
- Enforce Power BI Developers to follow the standardized reporting framework.

##### Data Visualization

- Built Power BI dashboards and reports for certain departments
- Analyze and optimize Power BI data sources for the entire organization resulting in reducing significant data refresh time.

##### Tech Stack

- SQL, Python, Airflow, SSIS, Power BI, Azure, AWS

### Million Mart Group | Yangon

#### Data Analyst | 05/2021 - 01/2023

- Extract and transform sales data from POS and ERP databases to analyze KPIs and metrics with Power BI and dashboards

- Create daily, weekly, and monthly reports on sales trends and customer buying behavior.
- Perform analysis on competitors' prices across the country to give useful insight to procurement department
- Measure ongoing promotions performance with KPI and metrics
- Generate sales forecasting reports for 30 retail outlets.
- Perform complex SQL query to provide data requests from internal department or external vendors

## **Skills**

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SQL, Python, Power BI, Power Query & DAX, ETL, Microsoft excel, SSIS, Spark, Big Data

## **Education**

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University of Gloucestershire  
Bachelor of Computer Science (Honours) | 03/2021

GUSTO University | Yangon, Myanmar  
Higher National Diploma | 12/2017

## **Certificates**

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Google Data Analytics Professional Certificate

## **Languages**

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English, Burmese