Nabin Tamang

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SKILLS

Languages: SQL, Python

Frameworks: Pandas, Numpy, Matplotlib, BeautifulSoup, Scrapy

Technical: MySQL, Microsoft SQL Server, SQL Server Management Studio (SSMS), Relational Databases, Statistics

Tools: Power BI, Excel (VLookup, Conditional Formatting, Pivot Tables), git & github, Power Point, Word, OneNote

CERTIFICATIONS / EDUCATION

- Programming Hub SQL Certification – MARCH 16 *(link)*
- Codeliber Intermediate Python Course Certification – FEB 27*(link)*
- Pearson Test of English (PTE) – (67) Listening (70), Reading (67), Speaking (66), Writing (71)

PROJECTS / EXPERIENCE

Modern Data Warehouse & Analytics Pipeline   03/15/2025 – 03/25/2025

- **Architected** a modern data **warehouse** pipeline using Medallion Architecture (Bronze, Silver, Gold) to transform raw CSV data into a business-ready star schema.
- **Engineered** robust **ETL** process to extract, cleanse, and load data into SQL Server, enhancing data integration efficiency.
- **Modelled** fact and dimension tables **optimized** for analytical queries, significantly improving reporting speed.
- **Optimized** data standardization and cleansing workflows, ensuring high data quality for comprehensive market analysis.

Ferns N Petals (Online Gift store)   Kathmandu, Nepal

- Featured dynamic filters, charts to provide actionable insights for optimizing business strategies and decision making.
- **Built** multiple **Pivot Table** in Excel to analyse monthly sales performance, customer average spending, top 5 products.
- **Assessed** sales distribution across occasions, identifying Anniversary 19.16% as the top contributor and Diwali accounted for the lowest revenue contribution at 9 %.
- **Evaluated** delivery performance (5-day average) and uncovered a 56.69% annual revenue growth by developing a dashboard.

Digital E-Wallet Data Cleansing and Transformation   02/12/25 – 02/15/25

- **Customized** staging tables and verified data integrity by comparing original and staging datasets, ensuring 100% data retention.
- **Documented** the entire cleaning process, streamlining data preparation for **enhanced visualization** and **analysis**.
- **Optimized** dataset quality through duplicate removal and rigorous validation of columns like age, gender, contact info.
- **Validated** a clean, consistent dataset for **500+** user records, enhancing accuracy for further analysis.
- **Streamlined** data integrity by enforcing primary key constraints and updating data types (example: total balance column to DECIMAL(8,2)).

Contoso Corporation Financial Report   02/23/25 – 02/28/25

- **Designed** an interactive Power BI dashboard for Contoso Corporation, analyzing key financial metrics such as **127.93M** in **Gross Sales, 13.02M** in Profit**, and 7.06M** in Discounts.
- **Examined** profit margin trends, identifying a **-3.97%** decline, and highlighting key factors impacting overall profitability.
- **Integrated** advanced Power BI features such as **trend analysis, KPI tracking,** and **sales breakdowns** to enhance operational transparency.
- **Refined** data visualization techniques to highlight **249.46%** YoY sales growth and a **235.58%** increase in profit, enabling data-driven decision-making.