# Tenzin Tsegyal

Data Analyst/ Business Analyst

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East Elmhurst, NY

## Skills

- **SQL:** (SQL Server, MySQL, PostgreSQL)
- **Python:** (Pandas, NumPy, Sklearn, Matplotlib, Seaborn)
- **Excel:** (XLOOKUP, Conditional Formatting, Pivot Tables/Charts, Power Pivot)
- **Operating Systems:** (Windows 11, Mac OS, Linux)
- **Cloud Platforms:** (GCP, Azure)
- **Visualization:** (Tableau)

## Work Experience

**Data Analyst Intern –** Yosi Health **–** Manhattan, NY                            *April 2023 – September 2023*

- Utilized **Tableau** to develop comprehensive dashboards that would be used for hundreds of clients, enhancing their insights into key performance metrics.
- Created a monthly management report dashboard for the company, simplifying the tracking of critical business metrics and reducing report generation time by **66%**.
- Designed data models and implemented data transformation processes to support the creation of dashboards and reports.
- Assisted the data engineering team in creating appropriate tables for dashboards and managed lightweight databases for efficient data retrieval and storage.
- Presented analytical findings to senior management, providing actionable insights and facilitating strategic decision-making.

**Patient Care Coordinator –** Ultimate Footcare – Smithtown, NY                            *August 2021 – August 2022*

- Guided patients to exam rooms, addressed inquiries, and prepped rooms for physical examinations.
- Organized surgical tools for procedures and ensured proper consent form preparation.
- Maintained accurate patient insurance, demographics, and health history records for the database.
- Facilitated digital x-ray film development and delivery.

## Projects

**Patient Satisfaction Dashboard Project –** Personal Project **–** New York, NY                            *April 2024*

- Developed an interactive **Tableau** dashboard to visualize HCAHPS patient satisfaction scores and provided actionable recommendations to enhance patient experiences and improve satisfaction scores.
- Implemented **Python** and **SQL** scripts for data creation, normalization, transformation, and export, facilitating detailed analysis of patient satisfaction metrics.
- Conducted benchmarking and comparative analysis with peer hospitals, identifying key areas for improvement and enabling data-driven decisions to enhance care delivery and financial health under value-based payment models.

**Diabetes Readmission Analysis –** Professional Project **–** Stony Brook, NY                            *May 2023*

- Conducted data cleaning via **Excel** and **Python** followed by exploratory data analysis using various graphing techniques from packages such as **MatPlotLib** and **Seaborn**.
- Applied **regression** and machine learning techniques to produce a final model with an accuracy of **67%** (very high for this dataset) and recall of **88%.**
- Developed a **Tableau** dashboard to display trends related to diabetic patient readmission rates based on demographics, diagnoses, and medications.

## Education

**M.S Applied Health Informatics** – Stony Brook University – Stony Brook, NY                            *May 2022 – August 2023*

- Data Analytics Specialization

**B.A Sociology**                            *August 2018 – May 2022*