

# KAVITA TORAGAL

Data Analyst | Plano, Texas | 469-570-2135 | [kavita591126@gmail.com](mailto:kavita591126@gmail.com) | [LinkedIn](#) | [Project Portfolio](#)

**Data Analyst with 2+ years of focused experience in data visualization, reporting, dashboarding, and insights analysis, backed by 7 years of overall professional experience.** Hands-on expertise in **Tableau, Power BI, Python, SQL, and Excel**, with strong analytical, problem-solving, and decision-making skills, and a **proactive, continuous learning mindset**.

## TECHNICAL SKILLS

- |                          |                   |                          |                                  |
|--------------------------|-------------------|--------------------------|----------------------------------|
| • Power BI Desktop       | • Tableau Desktop | • SQL                    | • Python                         |
| • Power BI Service       | • Tableau Server  | • Advanced Excel         | • pandas, numpy, plotly, seaborn |
| • Power Query (M- Query) | • Alteryx         | • Jupyter, Visual Studio | • Streamlit                      |
| • DAX                    | • Data Modelling  | • Git, JIRA              | • Data Pipeline                  |

## WORK EXPERIENCE

### Data Analyst | Bank of America, Plano, Texas

06/2022 – 5/2023

- Analyzed **customer account openings, product uptake, and transaction trends** across assigned regions using **Python (Pandas, NumPy)** and **MongoDB**, identifying actionable insights to improve acquisition and retention.
- Automated extraction, cleaning, and analysis of **50k+ records** from APIs and web sources (**BeautifulSoup**) with Python, feeding structured data into **Tableau dashboards** for decision-making.
- Built **interactive Tableau dashboards** to track KPIs, monitor account growth, and forecast demand, improving operational efficiency by **30%**.

### Data Analyst | Tavant, Bengaluru

06/2019 – 10/2021

- Cleaned and consolidated large datasets using **Excel** (PivotTables, VLOOKUP, INDEX/MATCH, advanced formulas) for accurate operational reporting.
- Automated **Excel dashboards** for sales, accounts, and customer activity, cutting reporting time by 25–30%.

### Software Engineer | Tavant, Bengaluru

06/2013 – 05/2015

- Improved query speed and concurrency in **OLTP systems** through efficient indexing and partitioning.
- Ensured **ACID compliance** and maintained **data integrity** across critical transactional systems.

### Software Engineer | Persistent Systems, Pune

09/2011 – 04/2013

- Tested REST APIs with **Postman**, validating endpoints, payloads, and response codes.
- Automated API test cases using **REST Assured**, ensuring the reliability of services.

## PROJECTS

**Numpy Ninja (04/2025-Present)**

### Sepsis Exploratory Analysis | Tableau | Postgres

- Designed and implemented a Tableau KPI dashboard for ICU Sepsis patients using calculated fields, LOD expressions, filters, and parameters, leveraging **SQL (PostgreSQL)** to extract and transform data, improving ICU operational efficiency by **30%**.
- Built automated Tableau email alerts for **10+ stakeholders** and analyzed organ performance using **MODS**, integrating results with **PostgreSQL** to enable early interventions and support data-driven clinical decisions for **50+ ICU patients/month**.

**Tools used:** Tableau Desktop/Server, Postgres, Git, JIRA

### CGM Data Analysis | Python

- Analyzed **Continuous Glucose Monitoring (CGM) data** by merging 25+ CSV files, performing cleaning, preprocessing, and applying ML models (Random Forest, XGBoost, KNN) to identify glucose behavior patterns.
- Developed an **interactive Streamlit dashboard** with Python (Pandas, Matplotlib, Seaborn) to visualize CGM trends and patient insights, supporting predictive and data-driven healthcare decisions.

### Customer Churn Analysis | Power BI

**(Self Initiated Project)**

- Developed and automated an interactive **Power BI dashboard** to track customer churn **KPIs** (active, inactive, exit, and retained customers), improving reporting efficiency and enabling leadership to identify at-risk customer segments.
- Analyzed **churn drivers** across **demographics, time periods, and product categories** (credit vs. non-credit) using **DAX measures** and **visual storytelling**, providing actionable insights that supported data-driven **retention strategies**.

### Hearing Wellness Survey | SQL

**(Self Initiated Project)**

- Built **SQL data cleaning pipelines** to handle missing values, standardize categories, and normalize free-text survey responses.
- Ran **descriptive and prescriptive SQL queries** to analyze hearing health trends and generate insights for wellness interventions.

## EDUCATION

### Bachelor of Engineering in Computer Science (CGPA- 7.8)

08/2007 – 04/2011

Vishweshwarayya Technological University (VTU), Belgaum, India