KAVITA TORAGAL

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

Data Analyst with **2+ years** of experience **in visualization, reporting, and insights,** backed **by 7 years** of overall professional expertise. Skilled in **Tableau, Power BI, Python, SQL, and Advanced Excel** with strong analytical and problem-solving abilities.

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 | Numpy Ninja, Plano, Texas   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**.

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.

Cerebromicrovascular Disease in the Elderly with Diabetes | Power BI
- Performed **EDA** using **Power Query, DAX, and row-level security** to clean and analyze 150+ clinical and cognitive variables.
- Built **interactive dashboards** with **drill-through, bookmarks, and advanced slicers** to reveal links between diabetes, cardiovascular biomarkers, and cognitive outcomes.

Data Analyst | Bank of America, Plano, Texas   06/2022 – 05/2023

- 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.

EDUCATION

Bachelor of Engineering in Computer Science (*CGPA- 7.8*)   08/2007 – 04/2011
Vishweshwarayya Technological University (VTU), Belgaum, India

CERTIFICATIONS

Tableau Desktop Specialist (Salesforce)
Microsoft Power BI Desktop for Business Intelligence (Udemy)
Python for Data Science (Udemy)