

# SEJAL SARDAL

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## Summary

Results-driven Senior Business Analyst with over 2 years of experience in implementing procurement technology solutions. Adept at problem-solving, stakeholder collaboration, and translating data into actionable insights. Worked at an IT company developing procurement platforms, leading initiatives to streamline procurement workflows. Designed interactive dashboards that reduced manual reporting efforts by 40%, improving operational efficiency. Strong communicator with a passion for data-driven decision-making, enabling businesses to drive process improvements across business functions.

## Education

**Syracuse University** – *Syracuse, NY*

Master of Science – Information Systems, GPA: 3.8/4.0

May 2025

**Vidyalankar Institute of Technology** – *Mumbai, India*

Bachelor's in Engineering – Electronics Engineering, GPA: 3.0/4

October 2020

## Work Experience

**Zycus Infotech** – *Mumbai, India*

Feb 2021 – June 2023

### Senior Business Analyst

- Independently developed dashboards to track purchase requisitions (PRs), purchase orders (POs), and key procurement KPIs, improving data accessibility and reducing manual reporting efforts by 40% across 7+ organizational units.
- Managed source-to-Pay suite, focusing on supplier management modules to streamline supplier information management, performance evaluation, this reduced supplier onboarding time by 50%, and minimized supply chain disruptions by mitigating risks associated with underperforming suppliers.
- Initiated stakeholder training programs focused on new features during system releases, targeting both internal teams and end users. Developed and delivered targeted training sessions, including user guides and release notes, to ensure smooth adoption of new functionalities. As a result, user adoption rates increased, and support escalations dropped by 25%. The training helped end users better understand the new features, leading to a decrease in support tickets and a smoother post release transition.
- Translated business requirements to develop a dashboard for tracking supplier information into actionable analytical solutions in collaboration with cross-functional teams. This solution allowed end users to directly obtain supplier information.

### *eProcurement Implementation Project*

Feb 2022 - July 2023

- Contributed to the implementation of eProcurement systems across 7 organizational units, accelerating system rollouts which achieved 90% same-day approval for PRs, significantly reducing the PR-to-PO cycle time and increased efficiency.
- Executed a 5-wave deployment across 3+ Organizational Units, ensuring seamless integration and operational stability.
- Drove system adoption post-GO-LIVE, achieving a 90% user adoption rate in the first quarter through stakeholder training and process optimization.

## Skills

**Programming Languages:** SQL, R, Python {Pandas, NumPy} | **Cloud Technologies:** ETL, Snowflake, Amazon S3, Amazon Redshift | **Visualization Tools:** Power BI, Tableau | **Database Management Tools:** Microsoft SQL Server, Microsoft Azure, PostgreSQL | **CRM:** Salesforce | **Microsoft Office:** Word, Excel, PowerPoint

## Academic Projects

**NYC Traffic Collision and Demographic Insights** *Syracuse University, NY* [Github](#)

Summer 2024

- Analyzed 2+ million NYC traffic collision records using Python (Pandas, NumPy), GeoPandas, and visualization tools (Matplotlib, Seaborn) to identify accident hotspots, time-based trends, and key contributing factors.
- Discovered that Brooklyn and Queens had the highest collision rates, with peak accidents occurring during rush hours (3-6 PM) and summer months. Identified driver distraction and failure to yield as top causes, enabling NYC transportation authorities to implement targeted traffic enforcement, pedestrian safety measures, and urban planning improvements.

**Airbnb Data Insights using Tableau** *Syracuse University, NY* [Github](#)

Fall 2024

- Analyzed 1,726 listings, uncovering price variations across neighborhoods and determining factors affecting rental demand.
- Evaluated host performance, revealing Superhosts held 22% of listings with a 4.8+ average rating.
- Visualized pricing trends across 7+ neighborhoods, identifying entire home listings were priced 55% higher on average than private rooms, guiding strategic pricing decisions.

## Certifications

**Certified Tableau Desktop Specialist**

Skills Gained: Data Analytics and Visualization, Data Presentation, Tableau Desktop

July 2024