

Detail-oriented professional with proven expertise in collecting and analyzing data to drive business decisions. Well-versed in interpreting complex data sets and providing actionable insights. Instrumental in identifying and implementing data process improvements to enhance data quality, accuracy, and efficiency. Excel at creating visually compelling and informative dashboards and reports by leveraging tools. Adept at maintaining databases, developing robust strategies, and fostering professional relationships at all levels. Articulate communicator equipped with extraordinary interpersonal, critical-thinking, organizational, and problem-solving skills, while executing projects within set time framework and budget.

## Areas of Expertise

- ◆ Data Analysis
- ◆ Database Management
- ◆ Strategic Planning & Execution
- ◆ Project Management
- ◆ Regulatory Compliance
- ◆ Data Visualization & Dashboards
- ◆ Reporting & Documentation
- ◆ Business Intelligence
- ◆ Quality Assurance Administration

## Academic Highlights

**University of Toledo, Toledo, OH, GPA - 3.8**

**May 2023**

**Master of Business Administration - Information Systems**

- Gain understanding of information systems for data analysis and data modelling by utilizing tools, such as SQL, Excel, and SAS enterprise miner.
- Acquire in-depth knowledge of people management and data collection, cleanliness, and processing of data.
- Optimized learning in SAP Enterprise resource planning and data modelling in SAS enterprise mining

**Bachelor of Engineering - Civil Engineering, GPA – 3.24,**

**February 2021**

Anna University, Chennai, IN

## Professional Experience

**Compass Group, Toledo, OH**

**September 2022 – May 2023**

**Student Manager**

Provide efficient and high-quality food service to customers. Perform various key tasks, including receiving orders, offering recommendations, and processing payments. Maintain cleanliness and sanitation as well as ensure adherence to food safety and health department standards. Monitor and replenish food and supplies as needed.

- **Key Project** - Reduced workers' workload by 25% by optimizing sales/inventory levels and executing spreadsheet-based projects.
- Increased customer satisfaction by identifying customer needs and promptly resolving complaints.
- Assisted store in obtaining 100% cleanliness award in 2023.

**Flash Paints, Madurai, IN**

**October 2020 – September 2021**

**Data Analyst**

Extracted data from database by utilizing SQL. Leveraged Tableau to examine sales data. Evaluated data related to company's paint products, including sales data, customer feedback, and market trends. Maintained databases, spreadsheets, and other tools, while generating reports to summarize data findings. Offered recommendations to company executives and other stakeholders. Formulated strategies in close collaboration with marketing and sales departments. Acquired in-depth knowledge of emerging technologies and best practices in data analysis. Verified data accuracy and integrity by deploying data quality checks and procedures. Used statistical tools and software to investigate data.

- Increased accuracy of sales forecasts by 15% as well as decreased overproduction by 10% and inventory carrying costs by \$50K per month through utilizing historical sales data and market trends.

- Reduced energy consumption by 5%, raised production efficiency by 4%, and improved site view rate by 8% through spreading awareness on social media.
- Enhanced revenue by 5% via devising data-driven pricing strategies to evaluate customer behavior/market trends.
- Minimized equipment downtime by 10% and maintenance expenses by 5% via creating maintenance program.
- Drove 25% growth in marketing and 10% increment in sales by optimizing campaigns to target right audience.
- Boosted customer satisfaction by 15% and developed dashboard to monitor KPIs.
- Attained reduction in product defects by 20% by assessing production data.

## Additional Experience

**Data Analyst Intern, Flash Paints, Madurai, IN**

**May 2019 – July 2019**

Achieved 5% increment in click rates by developing data-driven insights for targeted campaigns in close collaboration with marketing team. Improved data visualization and increased stakeholder engagement by 30% by designing dashboard.

## Key Projects

**Metro Cycling optimization - Google data analytics capstone project**, R/Tableau/Excel – [Kaggle](#)

Performed data analysis to identify differences in behaviors between Cyclistic's casual and annual memberships. Devised dashboards for visualizing insights with Tableau and increased conversion rate for annual memberships by 20%.

**Capital Bikeshare project done in SAS enterprise miner**, SAS Enterprise Miner – [Onedrive](#)

Evaluated effect of weather, time, and day on Capital Bikeshare User Classification. Constructed several data models like neural networks, decision trees, Regression, Stepwise Regression, and Bayesian Networks.

**Subway Inventory & Sales Optimization**. [GoogleSheets](#)

Minimized workload of workers in closing shift by 30% by creating online spreadsheet. Reduced manager's workload by 20% by visualizing daily, weekly, and monthly, sales figures and product usage without any complex software.

**University of Toledo - Wind Energy Project** SQL/Tableau – [Tableau Public](#)

Analyzed US Wind Turbine data and uncovered insights using SQL. Prepared visual representation story in Tableau to recommend University of Toledo. Recommended 15% cheaper model with longevity of more than 50 than current one.

**US Congress members tweets** Python – [Kaggle](#)

Cleaned and assessed US congress members' tweet (2008 -2017) by using Python libraries like pandas, numpy, sqlite, matplotlib to gain insights. Assumed hypothesis and performed test to check accuracy of hypothesis.

## Professional Development

**Microsoft Office Specialist:** Excel Associate, Microsoft | **Tableau Desktop Specialist**, Tableau | **Google Data Analytics professional certification**, Coursera | **Learn SQL Basics for Data Science Specialization**, Coursera | **Data visualization with tableau specialization**, Coursera | **Python for everybody specialization**, Coursera

**Award** - Sister City Scholarship Award recipient

## Affiliation

**Placement Head**, Placement Club, PSNA College of engineering, 2018-2020

**Blood donation Coordinator**, Rotary Club, PSNA College of engineering, 2019 – 2020

## Volunteer Experience

**Volunteer**, Sylvania Children Care | **Volunteer** - Blood Donation Management, PSNA College of Engineering

## Technical Proficiencies

Excel | Tableau | SQL | Python | R programming | Statistics & SAS Enterprise miner | SAP ERP | Power Bi