SAGARIKA SHINDE

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SUMMARY

Business-oriented data analyst with more than 2 years of experience in data analytics, visualization, statistical analysis and consulting. Recognized for problem-solving skills across diverse domains, including IT, banking and finance domain.

TECHNICAL SKILLS

Data Engineering:	SQL, DBT, Azure Data Factory, Apache Airflow, Spark, Apache Kafka, Data Integration, ETL Pipelining
Databases:	MySQL, PostgreSQL, Microsoft SQL Server, Google BigQuery, Snowflake, Databricks, Amazon Redshift
Business Intelligence:	Power BI (DAX, RLS, Power Query), Tableau (LOD, Forecasting), Excel (Pivot Tables, LOOKUP)
Programming:	Python (Pandas, NumPy, Scikit-learn), SAS, R Programming, Version Control (Git, GitHub, Bitbucket), CI/CD
Project Management:	Agile, Kanban, Scrum, SDLC, Atlassian JIRA, Visio, Confluence, Microsoft Excel, Salesforce CRM, Waterfall

WORK EXPERIENCE

Business Data Analyst | iConsult Collaborative, USA — Aug 2024 - Present

- Extracted and merged 300K+ structured and unstructured labor records from NYS Dept. of Labor using **Python (Pandas)** in **Jupyter Notebook**, streamlining reporting and enabling a **59%** faster analysis turnaround.
- Queried and manipulated **large datasets** from NYS Dept. of Labor using SQL (CTEs), Snowflake, and Python (Pandas) for **data wrangling, management, and ETL**, improving reporting accuracy and performance by 74%.
- Collaborated with stakeholders to design **6+ Power BI** reports, insights and dashboards with advanced **DAX** modeling and custom key performance indicators (**KPIs**), reducing insight delivery time for **10+** emerging job roles.
- Supported **forecasting of workforce trends** by analyzing historical labor data, guiding strategic decision-making for workforce planning

Business Intelligence Analyst | Morningstar, India — May 2021 - Jun 2023

- **Developed ETL pipelines** to integrate corporate action data (dividends, stock splits, mergers) from vendor feeds via Apache Kafka, using Python (Pandas) for **data manipulation, preprocessing, and transformation**, and SQL (BigQuery) for **data wrangling and management** to streamline portfolio valuation workflows
- Designed **17+ Tableau dashboards with standardized KPIs** to track daily valuations and corporate action impacts, enabling 100+ portfolio managers to assess same-day effects on securities, accelerating reporting cycles by **27%**, and improving client transparency.
- Collaborated with product managers, business analysts, and QA teams in **Agile** sprints (**Scrum, Kanban**) to identify requirements, define system needs, test new reporting solutions and translate business requirements into automated technical solutions.
- Conducted complex **root cause analysis** on valuation discrepancies using **SQL** and **Python**, implementing checks to achieve a 100% match between dashboards and SQL query outputs reinforcing trust in KPI-driven dashboards.
- Conducted **User Acceptance Testing (UAT)** and provided ongoing training and support to business users, ensuring smooth deployment

ACADEMIC PROJECTS

Predicting Energy Consumption (R, Shiny, caret, ggplot2, dplyr, xgboost)

- Conducted exploratory and multivariate analysis on a 60K+ row energy dataset using dplyr, lubridate, and ggplot2 to uncover seasonal, hourly, and appliance-level energy consumption patterns
- Built and compared classification models (Logistic Regression, SVM, Random Forest, XGBoost) using caret, optimizing hyperparameters via 5-fold cross-validation to improve accuracy from 67% to 89%.
- Developed derived variables (weekday/weekend indicators, temperature bins) to improve model explainability and capture behavioral energy usage traits and engineered 2 interactive shiny dashboards with plotly to forecast electricity costs.

Post-COVID & AI Impact on Tech Employment (Excel, Python, Tableau)

- Conducted comprehensive analysis on 2023–2024 post-COVID employment data to evaluate company recovery and understand shifting job market dynamics.
- Utilized Python analytics and statistical testing to investigate factors influencing layoffs, AI adoption, and H-1B approvals, boosting forecasting accuracy by 80% and identifying sectors with 15% lower layoff risk.
- Delivered data-driven recommendations and devised 5 Tableau dashboards (H-1B, layoffs, AI adoption, stock trends), providing users with real-time insights to assess workforce resilience and predict future hiring trends.

EDUCATION

Master of Science in Information Systems | Syracuse University, Syracuse, NY | GPA 3.6/4 — Aug 2023 - May 2025

Data Visualization Dashboards, Statistics, Advanced Data Analytics and Decision Making, Business Analytics, DBMS, Data Warehousing

Bachelor of Engineering in Computer Engineering | Mumbai University, India | GPA 3.5/4 — Aug 2017 - May 2021

CERTIFICATIONS

Microsoft Excel Associate | Associate in Project Management (CAPM) | Microsoft Power BI PL-300 | Tableau Certified Data Analyst