ANIKET SAKHARKAR

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SUMMARY

Data Analyst with 3+ years of experience using SQL, Python, and machine learning to deliver actionable insights. Improved reporting accuracy by 30% by building automated data pipelines and predictive models that reduced manual errors and processing time. Enabled cross-functional teams to make faster, data-driven decisions by developing interactive dashboards tailored to stakeholder needs.

EDUCATION

Master of Science in Data Analytics Engineering (GPA 3.9), *Northeastern University, Boston, USA*   Jan 2022 - Dec 2023

TECHNICAL SKILLS

- **Programming Languages**: Python, R, MATLAB, SQL, SAS, Neo4j, VBA Macro, SQL Server, MySQL, MongoDB, Oracle
- **Data Tools:** Tableau, Power BI, Microsoft Excel, Pandas, NumPy, Matplotlib, Scikit-learn, Tensor Flow, PyTorch, SPM, FSL
- **DevOps Tools:** Databricks, Kubernetes, AWS (S3, Load balancer), Snowflake, GCP Big Query, Docker, Apache Spark, Hadoop, Azure
- **Concepts:** Machine Learning (ML), Statistical Modelling, Neural Networks, Computer Vision, EDA, Time Series Analysis, NLP
- **Project Management & Soft Skills:** Agile (JIRA, Confluence), Data Storytelling, Cross-Functional Collaboration, Sprint Planning

PROFESSIONAL EXPERIENCE

Data Analyst, *KGS Technology, USA* (Skills: Azure, SQL, Python, MySQL)   Feb 2025 - Present
- Extracted and consolidated large datasets from MySQL, SQL Server, PostgreSQL, and Oracle databases to support business reporting and reduce inconsistencies across disconnected data sources
- Cleaned and standardized inconsistent data formats across systems using advanced SQL queries, improving data reliability and reducing reporting errors by 40%
- Conducted in-depth analysis to identify performance bottlenecks and customer behavior trends, leading to optimized marketing strategies and a 15% boost in campaign ROI
- Developed automated SQL reports and interactive dashboards to replace manual Excel-based reporting, cutting turnaround time by 60% and enabling real-time insights
- Collaborated with business stakeholders to translate data requirements into SQL-based solutions, improving decision-making processes in operations, finance, and customer service

Data Analyst, *Rebecca Everlene Trust Company*, USA (Skills: SQL, Python, Apache Spark, Azure, Power BI)   Feb 2024 - Jan 2025
- Designed and automated ETL pipelines using Python, SQL, and Apache Spark to process and transform large datasets, improving reporting speed and data accuracy for business teams
- Developed and optimized machine learning models (regression, clustering) with scikit-learn to uncover actionable insights, supporting strategic planning and operational efficiency
- Built interactive Power BI dashboards connected to Azure SQL, streamlining reporting processes and cutting manual data handling by 50%

Data Analyst Intern, *State Farm Insurance,* USA (Skills: DBeaver, Quick Sight, AWS, SQL, POC)   May 2023 - Aug 2023
- Enhanced health policy analysis efficiency by 15% through advanced data extraction and analysis of prior year's health data using DBeaver, delivering actionable insights to stakeholders and improving decision-making processes
- Automated SQL query execution and report generation, increasing query accuracy by 64% and reducing manual intervention, while integrating DBeaver with QuickSite to streamline SAS-to-Excel processes for faster and more efficient monthly health reporting
- Led a Health Analytics Proof of Concept (POC) that achieved an 85% seamless data migration to AWS, while developing statistical algorithms for pricing function analysis, improving model accuracy and overall efficiency by 25%

Research Analyst, *Northeastern University*, USA (Skills: Tableau, Python, SQL, Excel)   Sep 2022 - Apr 2023
- Created dashboards and reports for an NSF-funded project, increasing student engagement by 40% and course performance by 15%
- Streamlined workflows to enhance reporting efficiency by 20% and trained team members on Python, SQL, and Tableau to elevate data skills across the team

Data Analyst Intern, *Allianz Logistics,* India (Skills: AWS, Big Data, ETL/ELT)   Jun 2021 - Dec 2021
- Enhanced analytics and reporting by implementing scalable data ingestion routines, boosting data processing speed by 25%
- Executed ETL/ELT development with AWS and Big Data tools, reducing processing costs by 20% and increasing impact by 50%

ACADEMIC PROJECTS

Predictive Maintenance Analysis (Skills: Python, Scikit-learn, Machine Learning, GIT) **|** GitHub   Sep 2022 - Dec 2022
- Built predictive model using Scikit-learn to forecast machine failures, handling class imbalance with SMOTE to improve recall to 0.89
- Analyzed 10K+ records and 14 features, applying precision, recall, and F1-score to select the most effective failure prediction model

Crime Rate NYPD Predictions (Skills: Python, Microsoft Excel, Machine Learning) **|** GitHub   May 2022 - Jun 2022
- Cleaned and transformed 150K-row dataset, applying PCA to reduce dimensionality and improve model efficiency by 10%
- Compared 5 classifiers, optimizing Random Forest through hyperparameter tuning to enhance crime rate prediction accuracy