

AKSHAY NALAWADE

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SUMMARY

Experienced Data Analyst with 6 years of relevant experience in crafting data-driven solutions for complex business challenges. Known for a meticulous approach and a knack for translating analytical insights into actionable strategies. Skilled in building strong partnerships with stakeholders at all levels to drive impactful results across the organization.

PROFESSIONAL EXPERIENCE

Cognizant, Senior Data Analyst, Mumbai, India

March 2022 – March 2023

- Led a four-member team in Python-based data cleaning, optimizing alert accuracy and stock data integrity by 20%.
- Used Power BI and DAX functions to analyze customer credit data, identifying trends in credit utilization and payment behaviors, contributing to a \$300K reduction in delinquency rates.
- Created SQL queries using JOINS, CTE's and Window functions resulting in a 30% reduction in query execution time.
- Conducted daily scrums, retrospectives, and sprint reviews, improving team communication and project delivery by 20% using JIRA and Confluence.

SS&C technologies, Lead Data Analyst, Mumbai, India

July 2020 – March 2022

- Utilized Apache Spark to perform data processing and transformation on datasets, achieving a 99% data accuracy rate for business-critical reports.
- Prepared 15+ Tableau dashboards and reports, improving data visualization and accessibility for over 30 stakeholders.
- Worked on integrating Hadoop for data storage, leading to \$100K in yearly cost savings through HDFS enhancements.

Accenture, Business Analyst, Mumbai, India

October 2019 – July 2020

- Collaborated with stakeholders to define risk models and forecasting objectives, leading to a 10% improvement in loss forecasting accuracy and enhancing risk mitigation strategies.
- Partnered with 10+ project managers/technical leads to assess the feasibility of credit risk strategies for credit builder card.
- Adopted Agile methodologies to streamline project delivery, resulting in a 20% increase in project delivery efficiency.

Hexaware technologies, Analyst, Mumbai, India

January 2015 – September 2019

- Executed SQL query optimizations with indexing, subqueries, and temp tables in MySQL, raising data retrieval speed by 30%.
- Applied Excel's VLOOKUP's and Pivot charts to generate insightful visualizations of data, applying techniques such as slicers, calculated fields, enhancing data interpretation efficiency by 40%.

ACADEMIC PROJECTS

Weather-Driven Taxi-Ops using AWS services

August 2024

- Deployed a comprehensive performance monitoring system on AWS, consolidating green taxi operations and real-time weather data, which improved data accessibility and decision-making.
- Developed reusable Python scripts for data extraction, cleaning, and preparation, improving data processing efficiency.
- Designed and developed interactive Tableau dashboards connected to AWS RDS, providing real-time insights.

Analyzing customer churn using Power BI

December 2023

- Performed data preprocessing tasks, including handling missing values, outliers to improve data quality laying a solid foundation for accurate insights generation and informed decision-making.
- Employed advanced DAX functions to enhance churn analysis accuracy, enabling more precise tracking of customer behavior and key performance indicators (KPIs)

SKILLS

Programming: Python Programming language (Pandas, NumPy, Matplotlib, Seaborn), Scala, Java, R, Statistics.

Database Management: MySQL, Big Query, Microsoft SQL Server, Oracle, PostgreSQL, ETL, ELT, Snowflake, Data Modeling

Big Data Analytics: Apache Spark, Spark SQL, Sqoop, Hive, HDFS, No SQL, H-base, Hadoop, dbt, Docker, Machine Learning.

Cloud Computing: AWS - RDS, S3, Redshift, EMR, EC2, Glue, Lambda, Dynamo DB, Kinesis, Azure - SQL Database, Databricks, Data Factory, Data Lake storage, Synapse analytics, Blob storage, Stream Analytics.

Data Visualization Tools: Tableau, PowerBI, Google Analytics, Microsoft Excel, RStudio, Looker.

Other Skills: Project management, Git, Business Intelligence, Testing, Production deployment, A/B testing, KPI's, Functional requirements, Data driven, API, Salesforce, Use-cases, Automation, Jenkins, process improvements, CI/CD, HIPAA compliance.

Soft Skills: Presentation Skills, Business Requirement, Risk management, Analytical Thinker, emotional intelligence, Strategic Initiatives, Attention to detail, Critical thinking, Communication skills, Capital markets, financial reporting.

CERTIFICATIONS

- AWS certified cloud practitioner
- Data Analyst in Power BI
- Data Engineer in Python

EDUCATION

Yeshiva University, Katz School of Science and Health

- Master of Science - Data Analytics & Visualization

New York, NY

December 2024

Mumbai University, PIIT

- Bachelor of Engineering - Electronics

Mumbai, India

May 2014