MOHIT JAIN

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PROFESSIONAL SUMMARY

Data Analyst with over 3 years of experience, certified in AWS and Tableau. Specializing in data cleaning, transformation, and automation. Proficient in analyzing complex datasets, creating interactive dashboards, and building predictive models. Experienced in collaborating with cross-functional teams and stakeholders in Agile environments.

WORK EXPERIENCE

Business Analyst Intern | *Strategic Solutions International, Washington, DC* Jun 2024 – Aug 2024

- Coordinated requirements gathering and developed business process documentation in Confluence for over 30 government contracts, contributing to a 25% rise in contract wins.
- Performed cost-benefit analysis and capacity planning using Excel to optimize budget allocation, increasing profitability by $500K and enhancing compliance by implementing risk management strategies.

Data Analyst - Graduate Assistant | *University of Maryland, College Park, MD* Aug 2023 – May 2024

- Executed data transformation using Microsoft Excel (VLOOKUP, VBA, Macros, Pivot Tables) to drive process improvement, saving 15 hours per week, enhancing data accuracy, and enforcing data governance policies.
- Designed and maintained interactive dashboards using Tableau, enabling real-time data visualization and data-driven decision-making for university departments, resulting in a 20% increase in reporting efficiency.
- Conducted root cause analysis using MySQL and Python on large-scale operational data, identifying bottlenecks and optimizing shift scheduling and resource allocation, increasing operational efficiency by 12%.

Data Analyst | *Tata Consultancy Services, Pune, India* May 2021 – Jul 2023

- Built Power BI dashboards for stakeholders across cross-functional teams, integrating KPIs (Key Performance Indicators), driving data storytelling, reducing ad-hoc reporting requests, and saving 16 man-hours per month.
- Directed the Agile project lifecycle and coordinated teams via JIRA, leading sprint planning, scope changes, and documenting user stories, resulting in project completion 2 weeks ahead of schedule.
- Led a team of 5 analysts to integrate an AI-driven moderation system using AWS Lambda, overseeing UAT and boosting moderation rate by 40% through data modeling and predictive modeling.
- Collaborated with the database team to optimize SQL queries, improve indexing, and perform cluster upgrades in MongoDB, resulting in annual cost savings of $10,000 and reducing operational expenditures by 50%.

Business Intelligence Intern | *Techsolvo, Indore, India* Jun 2020 – Apr 2021

- Streamlined data collection, validation, and integration into a PostgreSQL database by optimizing Python ETL scripts, reducing processing time by 1.5 hours per load, and improving data quality.
- Analyzed e-commerce pricing data using SQL and Tableau, conducting EDA, trend analysis, and outlier detection. Identified patterns in 70% of products, supporting stakeholders in strategic decisions.
- Engineered a POC (Proof of Concept) predictive model using Random Forest, achieving 85% accuracy in price prediction and improving financial forecasting through scalable models.

TECHNICAL SKILLS

Programming Languages: Python, SQL, R Programming, JavaScript
Databases: MySQL, PostgreSQL, Microsoft SQL Server, Oracle, PL/SQL, NoSQL, MongoDB
Data Analytics: Tableau, Power BI, Quantitative Analysis, A/B Testing, Data Mining, Regression Analysis, Data Models
Cloud Services: GCP, Azure, AWS (S3, Quicksight, Redshift, EC2)
Project Management: Git, Jira, Confluence, Agile, Lucidchart, Excel, Google Workspace, Word, SDLC, CRM, ERP

PROJECTS

Credit Risk Assessment and Predictive Analysis for Mortgage Lending Optimization

- Devised predictive analysis techniques to enhance credit risk assessment, optimize mortgage lending strategies, and improve risk mitigation, achieving 83% accuracy in detecting potential loan defaults.

Predictive Analysis of TCS Stock Market Data

- Conducted statistical analysis on 10 years of TCS stock market data using Pandas, NumPy, and Matplotlib for time series analysis, deriving key performance metrics to guide investment decisions and identify market trends.
- Created a supervised machine learning classifier, processing more than 10,000 data points using feature engineering techniques to predict trading calls with 90% accuracy, enhancing decision support capabilities.

EDUCATION

University of Maryland, Robert H. Smith School of Business Aug 2023 – Dec 2024
Master of Science, Information Systems, GPA: 3.8/4.0

CERTIFICATIONS

Tableau Desktop Specialist, AWS Cloud Practitioner