

ASHRITH ADEPU

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PROFESSIONAL SUMMARY

Business Data Scientist with 5+ years of experience in data analysis, process improvement, & driving operational improvement via data-driven insights. Proficient in Python, SQL, Tableau/Power BI, and Excel. Adept at leveraging quantitative methods to uncover patterns, identify opportunities & support strategic decision-making. Proven record of critical thinking, effective time management, and partnering with teams to implement data-driven solutions that optimize processes & enhance business performance.

TECHNICAL SKILLS

Programming Languages: Python, R, Structured Query Language (SQL), PL/SQL, Java, C/C++, Hive, REST APIs, UX/UI, Hadoop.
Tools & Frameworks: Tableau, Power BI, JMP, MS Project, SAS Studio, Control M, SQL Developer, Alteryx, Kafka, Splunk, Miro, Microsoft Office (Excel, Word, PowerPoint, Visio), Azure DevOps, Adobe suite, Big Data.
Databases & Platforms: MySQL, NoSQL, SQL Server, AWS (S3, Glue, EMR, Athena, Lambda), Salesforce, Oracle APEX, Talend.
Methodologies: Agile, TDD, Lean Six Sigma, Software Development Lifecycle (SDLC), SCRUM, Kanban.
Proficiency Forte: Data Visualization, Requirements Gathering, Documentation, Predictive Modeling, Data Analytics, Project Management, Business Objectives, Data Mining, Change Management, Statistics.
Certifications: Data Analytical Professional, Atlassian (Jira and Confluence Fundamental Badge), PMP PMI.

EXPERIENCE

- Graduate Business Analyst II- Capstone, Reality Interactive** **August 2023 - December 2023**
- Led a team of 7 to develop an **automated anomaly detection model** & solved issues, increasing operational efficiency by 20%.
 - Collaborated with stakeholders to gather and analyze **business requirements**, developing 10+ **automated workflows and dashboards** leveraging **Power BI** that improved decision-making processes by 25% of **business processes**.
 - Transformed large dataset using **PySpark**, converting it into a structured **Parquet** format for efficient storage & retrieval (ETL).
 - Implemented **machine learning (ML) models** (SVM, Isolation Forest), achieving 94% accuracy in error detection & diminishing downtime by 30%, proactively identified root causes, and improved customer service by 30% through swift error resolution.
- Data Analyst II, University of Connecticut** **March 2023 - July 2023**
- Formulated complex process flows in **Alteryx**, integrating legal system, training, and QA test plans (UAT/Integration testing), leading to enhanced data accuracy & expedited strategic decision-making with a 40% reduction in processing time.
 - Spearheaded development using **SQL Server & APEX**, creating high-performance reports for complex systems. Troubleshooted 30+ issues, designed 20+ technical specifications, and integrated 5 software applications with **Identity Cloud Service**.
 - Generated and delivered regular project status reports to stakeholders, demonstrating attention to detail, multitasking, and critical thinking, resulting in a 30% improvement in project delivery efficiency.
- Business Analyst I, Wipro Ltd** **May 2020 - June 2022**
- Spearheaded 15+ business operations in collaboration with product manager/stakeholders & agile teams to define & roadmap work, ensuring alignment with **OKRs**, & fostering a seamless flow of communications via Business SMEs & software engineers.
 - Orchestrated a data-driven environment, creating **ad-hoc reports** using **PowerBI**, managing detailed **scope requirements** and documentation with an accuracy of 95%, and executing **Key Performance Indicators (KPIs)** for insightful business analysis.
 - Identified & resolved critical issues using **advanced Microsoft Excel** (Pivot Tables, VBA, macros) and **SQL** for data extraction resulting in \$70 million in savings for client and a 19.12% increase in revenue growth within a month.
 - Leveraged **agile methodologies** to gather requirements, write **user stories**, direct **sprint planning** & develop test plans for **ServiceNow** integration, resulting in streamlined process management & 40% reduction in response time to detect anomalies.
- Software Engineer, Wipro Ltd** **April 2019 - May 2020**
- Developed innovative automation tools for monitoring pipeline systems with **PL/SQL** scripting, cutting down sprint product backlog by 60% in 6 months, designed a **prototype/clean architecture** for scalability, and mitigated operational risks.
 - Engineered Claiming Tool, streamlining accounting, claims processing, and compensation solutions for sales sellers with complex transactions, reducing manual errors by 15%, with help of analytic tools & problem-solving skills.
- Software Intern, Coign Consultants Services** **April 2018 - September 2018**
- Collaborated on visionary Android application development, AROUND-ME, it has a chat feature and helps find nearest ATMs, gas stations, and hospitals, 10,000+ downloads, a 4.5-star rating with 90% positive reviews on Google Play Store.

EDUCATION

M.S. Business Data Science, University of Connecticut **May 2024 | Hartford, CT**
B. Tech. Computer Science and Engineering, GITAM School of Technology **May 2019 | Hyderabad, India**

PROJECTS

- AirWatch**, University of Connecticut | [Link](#) **January 2023 - May 2023**
- Conducted **quantitative analysis** on air quality data, revealing industry trends & continuous improvement plans, saving \$5M pa.
 - Crafted **use cases, storyboards, and models** illustrating process flows. Executed tailored **ARIMA models** across geographies.