

Rahul Nomula

Business Data Analyst

+1 (408) 390 6791 | rahuln1204@gmail.com

SUMMARY

Results-driven Business Data Analyst with over 5 years of experience in transforming complex data into strategic business insights. Adept at leveraging advanced analytics, financial modeling, and operational reporting to drive efficiency and enhance decision-making. Proficient in SQL, Python, Tableau, and Excel, with a strong ability to synthesize large datasets into compelling narratives for executive stakeholders. Proven expertise in cross-functional collaboration, performance optimization, and identifying cost-saving opportunities. Passionate about leveraging data-driven strategies to enhance customer experience and business operations.

SKILLS

Methodology: SDLC, Agile, Waterfall

Language: SQL, Python, R

Documentation: BRD, FRD, SRS

Visualization Tools: Tableau, Power BI, Looker Studio

Operational & Financial Analysis: Cost Optimization, Performance Metrics, Business Process Improvement

Customer Support & Contact Center Analytics: KPI Measurement, SLA Analysis, Forecasting

Microsoft Tools: MS Office (MS Project, MS Excel, MS SharePoint, MS Word, MS PowerPoint)

Cloud Tools: AWS, Azure, Snowflake, GCP, DataBricks

Databases: MySQL, PostgreSQL, SQL Server, Oracle, MongoDB

Version Control Tools: Git, GitHub, GitLab

Other Tools: Jira, Figma, Confluence, HP Quality Center, JAD, RTM

Analysis Skills: GAP Analysis, Data Cleaning, Data Wrangling, KPI Reporting, A/B Testing

EXPERIENCE

Humana, USA | Business Data Analyst

Jan 2024 - Present

- Developed and maintained comprehensive reports and dashboards using SQL, Azure Synapse Analytics, and Power BI to monitor key performance indicators (KPIs) and support strategic initiatives.
- Conducted ad-hoc analyses to provide insights into financial transactions, ensuring high accuracy and timely execution.
- Utilized advanced Excel skills to create pivot tables and summarize data, facilitating informed decision-making processes.
- Designed and developed 25+ Power BI dashboards and scorecards, tailored to meet the needs of various departments and senior management, enhancing operational transparency and strategic planning by 35%.
- Conducted complete gap analyses between legacy and proposed systems, identifying discrepancies and recommending solutions, resulting in a 20% improvement in system functionality and operational efficiency.
- Exploited Python packages such as Pandas, NumPy, Matplotlib, and SciPy to analyze and manipulate data, generating insights that supported data-driven decision-making and business strategies.
- Managed project documentation using MS SharePoint, creating and maintaining over 50 Business Requirements Documents (BRD), Functional Requirements Documents (FRD), and Use Case artifacts, ensuring 100% traceability and clarity across all project phases.
- Designed, maintained, modified, and optimized MS SQL Server databases, ensuring database security and implementing auditing measures to safeguard sensitive information and maintain compliance.
- Collaborated with internal and external partners to gather requirements and enhance reporting capabilities, contributing to the expansion of value-based programs.
- Participated in interoperability initiatives to ensure seamless data integration across various platforms and teams.

Mphasis, India | Business Data Analyst

Aug 2018 - Jul 2022

- Defined product and business problems, translating business needs into technical specifications to drive data-driven solutions.
- Developed and maintained interactive dashboards using Tableau and Power BI, enabling stakeholders to monitor business metrics effectively.
- Interacted with databases using SQL and Python to extract, manipulate, and analyze data, supporting over 50 data-driven decisions and improving reporting efficiency by 30%.
- Leveraged Python libraries such as Pandas, NumPy, Matplotlib, and SciPy to perform advanced dataset manipulation, data mapping, data cleansing, and feature engineering to enhance data quality and usability.
- Extracted and analyzed planned data from MySQL databases and CRM systems, creating 10+ visualizations and interpreting A/B test results, leading to a 20% increase in campaign performance metrics.
- Developed and implemented over 30 Tableau visualizations, including Treemaps, Heat Maps, Scatter Plots, Geographic Maps, Line Charts, and Pie Charts, enhancing data insights and enabling stakeholders to make decisions 25% faster.
- Played a key role in planning and conducting Joint Application Development (JAD) sessions, preparing detailed meeting minutes, and assisting in the development of BRDs, fostering effective collaboration and communication among stakeholders.
- Conducted quantitative and financial analysis to identify trends and inform strategic decision-making.

EDUCATION

Master of Science in Data Science

University of North Texas, Denton, TX

Aug 2022 – May 2024