TEJA SREE GUMPULA
BUSINESS DATA ANALYST

USA |+1 (989)-506-1356 | **gumpulatejasree49@gmail.com** | **LinkedIn**

SUMMARY:

Business Data Analyst with 6+ years of experience driving data-informed strategies in Agile environments. Adept at aligning business goals with data insights through advanced analytics, process modeling, and stakeholder engagement. Proficient in Python, SQL, and BI tools (Tableau, Power BI) with hands-on expertise in ERP data integration and process automation.

SKILLS:

- **Data Analytics & Visualization:** Python (Pandas, NumPy, SciPy), R, SQL, Tableau, Power BI, Looker, AWS QuickSight
- **Data Engineering & ETL:** Airflow, dbt, Azure Data Factory, Apache Spark, Snowflake, Redshift, BigQuery
- **Databases & Warehousing:** MySQL, SQL Server, Oracle, PostgreSQL, MongoDB, Cassandra, Teradata
- **Cloud & Big Data:** AWS (S3, EC2, Lambda, Glue), GCP, Hadoop, Hive, Kafka, Spark Streaming
- **ERP Systems:** Oracle ERP Cloud, Microsoft Dynamics 365
- **Project Management:** Jira, MS Project, SharePoint
- **Documentation:** BRD, FRD, SRS, Use Cases, UAT
- **Other Skills:** Business Process Modeling (BPMN), GAP Analysis, Cost-Benefit Analysis, Risk Analysis

PROFESSIONAL EXPERIENCE:

Pepsico, USA | Business Data Analyst   Nov 2024 – Current

- Performed advanced data analysis using Python (Pandas, NumPy, SciPy) and SQL, identifying process inefficiencies that increased operational productivity by 15%.
- Conducted cost-benefit and impact analyses to evaluate process improvements, optimizing resource allocation and reducing operational costs by 12%.
- Designed and maintained interactive dashboards using Tableau, Looker, and AWS QuickSight, enhancing KPI tracking and decision-making by 25%.
- Managed Agile/Scrum project workflows using Jira and MS Project, streamlining sprint planning, backlog refinement, and stakeholder reporting, resulting in a 20% reduction in project delays
- Managed inventory and supply chain operations using Oracle ERP Cloud and Microsoft Dynamics 365, optimizing stock levels, reducing discrepancies by 20%, and improving real-time tracking accuracy.
- Extracted and analyzed data from Snowflake, Google BigQuery, and Redshift, enhancing decision-making in procurement, inventory control, and demand forecasting.
- Developed SQL queries and ETL pipelines using Apache Airflow, dbt, and Azure Data Factory, improving data extraction, transformation, and loading efficiency by 30%.
- Developed and deployed a regression model using XGBoost to forecast weekly sales across 20+ store locations, achieving 88% R^2 accuracy and improving stock planning efficiency by 25%.
- Collaborated with stakeholders to gather and document business requirements, translating them into BRDs, SRS, and data models, reducing requirement ambiguities by 20%.

Infosys, India| Business Data Analyst   Sep 2021 – Jul 2023

- Automated data-driven processes using Python scripts and BPMN workflows, reducing manual effort and increasing operational efficiency by 35%.
- Conducted Root Cause Analysis (RCA) and 5-Why analysis on data inconsistencies and process inefficiencies, leading to a 22% reduction in recurring issues.
- Developed predictive analytics models using Python (Scikit-learn, TensorFlow) to anticipate market trends and optimize business operations, improving forecasting accuracy by 20%.
- Implemented automated reporting solutions using Tableau, AWS QuickSight, and Looker, reducing manual reporting time by 40% and enhancing real-time data insights.
- Collaborated with cross-functional teams to integrate Oracle ERP Cloud and Microsoft Dynamics 365 with BI tools, improving data accessibility and decision-making efficiency.
- Led User Acceptance Testing (UAT), ensuring system reliability, data integrity, and user readiness, reducing post-deployment defects by 20%.
- Established data governance frameworks, auditing datasets for accuracy, compliance, and security, ensuring 100% adherence to regulatory and industry standards.

Reliance Retail by Minicraft, India| Business Data Analyst   June 2018 – Sep 2021

- Built predictive analytics models with Python (Scikit-learn, TensorFlow) and SQL, optimizing demand forecasting and increasing forecast accuracy by 22%.
- Automated real-time reporting and dashboard creation using Tableau, Looker, and AWS QuickSight, decreasing manual reporting workload by 45% and improving executive decision-making.
- Integrated ERP systems (Oracle ERP Cloud, Microsoft Dynamics 365) with BI tools, enhancing data visibility, workflow automation, and operational insights.

- Led User Acceptance Testing (UAT) for data-driven applications, identifying and resolving system defects, resulting in a 25% reduction in post-deployment issues.
- Implemented data governance frameworks by auditing datasets for compliance with industry standards, achieving 100% regulatory adherence and reducing data discrepancies by 30%.
- Designed ETL pipelines using Apache Spark, dbt, and Azure Data Factory, improving data ingestion speeds by 35% and reducing data pipeline failures.
- Enhanced customer segmentation and retention strategies by conducting advanced clustering and regression analyses, increasing customer engagement by 18%.
- Optimized inventory and procurement workflows by analyzing supply chain data, leading to a 20% reduction in stock discrepancies and 15% cost savings.

EDUCATION:

Masters of Science in Information Technology   **May 2025**
Central Michigan University, Michigan
Bachelor of Civil Engineering   **Jul 2018**
CMR Institute of technology, India