Jagadish Ravulapalli
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Professional Summary:

Data Analyst with 4+ years of experience solving business problems through exploratory analysis, A/B testing, and statistical modeling. Proficient in Python, PySpark, SQL, Tableau, and Power BI, with expertise in building data pipelines, analyzing customer behavior, and delivering insights that drive impact. Achievements include a 15% GMV boost, 40% improvement in reporting accuracy, and 15% increase in on-time delivery. Skilled at translating data into actionable insights for business leaders, mentoring analysts, and collaborating with cross-functional teams in retail, e-commerce, media, and manufacturing.

Technical Skills:

Big Data	: Spark, Databrick, Kafka, AWS (S3, EMR, Redshift, Glue,), Azure, GCP
Data Analysis & ML	: Pandas, NumPy, Scikit-Learn, Exploratory Data Analysis (EDA), Statistical Modeling, A/B Testing, Data Mining, Excel (Advanced)
Languages	: Python, PySpark, SQL, R, Bash (Linux/Unix Environments)
Visualization & Tools	: Tableau, Power BI, Airflow, Git, Jenkins, Terraform, Agile Methodologies

Professional Experience:

Data Analyst, Nike, Portland, OR, **Aug 2024 – Present**

- Analyzed user behavior and CRM data with SQL/Python, identifying high-value segments that drove a 15% GMV lift in targeted campaigns
- Consolidated data from Oracle, SQL Server, and cloud platforms into unified datasets, streamlining analysis and improving KPI consistency
- Performed exploratory analysis on 20+ product streams, identifying demand gaps that reduced markdowns and optimized inventory allocation
- Designed and executed A/B tests for app features and promotions, providing insights that boosted activation and engagement.
- Automated executive dashboards in Power BI/Tableau with SQL and PySpark, improving visibility into inventory, funnel metrics, and ROI.
- Partnered with cross-functional teams in an Agile environment to prioritize analytics projects supporting Nike's Consumer Direct strategy.

Data Analyst, Digiquest India Ltd, Hyderabad, India **Jul 2020 - Jun 2022**

- Built dynamic dashboards in Power BI and Excel to monitor media production KPIs, including content ingest turnaround, QC rejection rates, and asset delivery timelines—enabling real-time decision-making for production managers.
- Cleaned and standardized large volumes of video/audio metadata and QC logs using Python (Pandas) and SQL, improving reporting accuracy by 40% and reducing post-production data inconsistencies Implemented Six Sigma tools (SPC, control charts) to monitor manufacturing KPIs, maintaining 98% process compliance.
- Conducted bottleneck analysis across post-production workflows (VFX, audio mastering, QC) by tracking average processing times, leading to a 15% improvement in on-time project delivery. Introduced a supplier quality scorecard and audit mechanism, resulting in a 22% decrease in supplier-related defects.
- Delivered ad-hoc data analyses and visualizations to cross-functional stakeholders, providing insights into team efficiency, content error trends, and resource allocation across editing pipelines.
- Automated recurring operational reports using Excel macros and Python scripts, reducing manual effort by 60% and ensuring consistent weekly updates for leadership teams.
- Collaborated with production, quality control, and asset management teams to enhance the accuracy of metadata tagging and improve content traceability in the digital asset management system.

Operations Analyst, Sri Vijayalakshmi Pulp & Packing Industry (SVLPP), India **Jun 2017 – Jul 2018**

- Tracked daily production across pulp trays and PP woven bags using Excel, reducing material waste by 12%.
- Built sales and dispatch trackers to analyze order patterns and improve on-time delivery by 18%.
- Digitized shift-wise production logs, improving reporting accuracy and reducing manual errors.
- Analyzed monthly raw material usage and cost trends to support purchasing and inventory planning.
- Coordinated with production and packaging teams to streamline end-to-end operations, reducing dispatch delays and improving workflow alignment

Projects:

Amazon Logistics Analysis (pandas, seaborn, matplotlib)

- Explored delivery datasets with Python to analyze traffic, geography, agent performance, and weather impacts on delivery times.
- Discovered that semi-urban areas averaged 238 mins, traffic jams caused major delays, and agents aged 26–35 with higher ratings delivered fastest. And Recommended routing optimization, weather-adjusted planning, and agent training, providing strategies to improve delivery efficiency and customer satisfaction.

Certifications:

- Tableau – Udemy
- SAP S/4HANA - Executing ERP Processes

Education:

Master of Science in Engineering Management, Florida Institute of Technology, Melbourne, FL, USA **Aug 2022 - May 2024**