

# Lagnajit Parida

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## PROFESSIONAL SUMMARY

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Results-driven Senior Data Analyst with 8+ years of experience designing data-driven solutions, optimizing ETL pipelines, and building interactive dashboards. Skilled in Python, Spark, SQL, AWS, React and Next.js to develop scalable applications. Seeking to leverage strong analytical and full-stack data engineering expertise to transition into a Software/Data Engineering role.

## WORK EXPERIENCE

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### Rivian

Jan. 2022 – Present

*Sr. Data Analyst, Service Engineering*

*Palo Alto, CA*

- **Wiring Design Visualization Tool**

Developed a wiring design application using Next.js, Typescript, React Flow, and a Python-based backend. This solution visualizes harnesses, ECUs, and sensor connections in real time, streamlining debugging processes, improving cross-team collaboration, and reducing manual documentation overhead.

- **Service Procedure Hierarchy Visualization Tool**

Engineered a web-based application using React Flow and D3.js to visualize the hierarchical structure and dependencies within Rivian's labor code database, enhancing process clarity and empowering data-driven decisions across the organization.

- **MES Cost Deferral**

Developed custom PowerApps solutions to track genealogy, teardown, and rebuild data for remanufactured parts, effectively delaying a \$6M Manufacturing Execution System investment while maintaining operational continuity.

- **Centralized Service Repair Insights**

Designed and deployed Tableau and Apache Superset dashboards to consolidate Service Repair metrics, highlight root causes of part failures, and improve labor allocation, enabling stakeholders to rapidly identify and address performance bottlenecks.

### RH (Restoration Hardware)

Nov. 2020 – Jan 2022

*Business Analyst, Supply Chain Strategy & Analytics*

*Corte Madera, CA*

- **Tableau & Python Automation**

Created and managed executive-facing Tableau dashboards that tracked Linehaul and Parcel Operations KPIs, improving cost transparency and performance visibility. Leveraged Python and SQL to automate Parcel Over Max Scan error detection, securing an estimated \$250K in quarterly carrier credits.

- **Real-Time Logistics Modeling**

Developed a detailed transit matrix for ocean lanes, dynamically adjusting lead times based on shipping data and improving on-time deliveries and customer satisfaction.

- **Tableau Server Administration**

Oversaw RH's Tableau Server environment, supporting 100+ users by ensuring optimized server performance, troubleshooting user issues, and providing training sessions that elevated data literacy across the organization.

### Tesla

Oct. 2018 – Aug. 2020

*Data Analytics, Logistics*

*Fremont, CA*

- **Developed Interactive Dashboards**

Built and maintained 60+ interactive Tableau dashboards connected to SQL databases, generating 50,000+ views for stakeholders across Production Inbound, Finished Vehicles, Service, and E-Commerce. Enabled real-time, data-driven decisions and enhanced cross-functional collaboration.

- **Optimized Logistics Costs**  
Drove a cost-reduction initiative that saved \$600K within nine months by refining route monitoring, renegotiating carrier contracts, and optimizing transport scheduling in collaboration with cross-functional teams.
- **Automated Critical Reporting**  
Architected Python-based ETL pipelines to streamline the generation and distribution of key logistics reports, reducing manual effort by 30+ hours per week and improving data reliability.
- **Enhanced Freight Capacity Usage**  
Authored 3,000+ lines of SQL to analyze Full Truckload (FTL) shipments, optimizing space utilization through advanced cube algorithms and achieving higher fill rates while lowering transportation costs.
- **Improved Data Integrity**  
Employed fuzzy matching algorithms in Python to clean and consolidate redundant location entries, significantly improving data quality and reducing error rates.
- **Reduced Driver Wait Time**  
Engineered a driver-tracking tool that monitored real-time in-transit status and optimized load allocation, cutting average driver wait time from 3 hours to 1.5 hours and boosting overall operational efficiency.

*Data Analyst Intern, Inventory Control*

**Jan. 2018 – Aug. 2018**

- **Cycle Count Monitoring**  
Developed a cycle count monitoring tracker in Tableau and SQL, enhancing inventory accuracy reporting for Finance and Operations management.
- **Inventory Analysis & Optimization**  
Led initiatives to identify and analyze top systematically adjusted parts, improving financial oversight and enabling proactive operational adjustments.
- **Factory-Wide Reconciliation**  
Contributed to a large-scale inventory reconciliation project for Model 3 parts, achieving near-perfect alignment between recorded and actual inventory levels and significantly reducing discrepancies.

**IBM**

**Feb. 2014 – Nov. 2015**

*Business Analyst, SAP Supply Chain*

*Bangalore, India*

- **SAP MM Implementation**  
Led the configuration and deployment of the SAP MM module for RED BEE Media's UK operations, mapping business requirements to system functionalities, reducing inventory discrepancies, and improving warehouse efficiency.
- **Supply Chain Optimization**  
Enhanced SAP MM functionalities for a major networking client by refining domestic procurement workflows, scheduling agreements, and subcontracting processes, resulting in more accurate planning and reduced inventory holding costs.
- **Automated SLA Reporting**  
Developed automated SLA performance reports using Excel Pivot Tables and Macros, providing real-time performance insights for internal and external stakeholders, reducing manual reporting effort by 40%.

## EDUCATION

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**Texas A&M University**

*MS, Industrial Engineering*

**Aug. 2018**

*College Station, TX*

**KIIT University**

*BS, Mechanical Engineering*

**May 2013**

*Bhubaneswar, India*

## TECHNICAL SKILLS

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- **Programming & Scripting:** Python, SQL, R, JavaScript/TypeScript
- **Data Engineering & Big Data:** Apache Spark, Hadoop, AWS (S3, Redshift, Lambda, Fargate)
- **Databases:** PostgreSQL, MySQL, SQL Server
- **Data Visualization:** Tableau, Apache Superset, D3.js, Power BI

- **Web & App Development:** React.js, React Flow, Next.js, PowerApps
- **Other Tools:** Git, JIRA, Excel