

NAVANEETHAN E S

DATA ENGINEER | DATABRICKS | PYSPARK | SQL | POWER BI

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PROFESSIONAL SUMMARY

Data Engineer with 5 years of experience delivering Databricks and Power BI solutions for enterprise supply-chain analytics. Experienced in gathering business requirements, developing SQL and PySpark transformations, preparing curated Delta Lake datasets, building interactive Power BI dashboards and supporting solutions after production deployment. Strong ownership across the complete delivery lifecycle, including estimation, development, stakeholder reviews, testing, deployment, monitoring and production issue resolution.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions, Data Engineer – EBU Supply Chain Analytics

07/2021 – Present | Chennai, India

- Develop and support Databricks and Power BI solutions for enterprise supply-chain analytics within a six-member delivery team.
- Own assigned analytics solutions from requirement gathering and effort estimation through development, business validation, production deployment and ongoing support.
- Transform Oracle ERP data available in enterprise Delta Lake tables into curated analytical datasets using SQL and PySpark.
- Develop Databricks notebooks containing joins, aggregations, calculations and report-specific business rules for inventory, supplier, packaging, warehouse and material analytics.
- Build Power BI semantic models and dashboards using Power Query and DAX, including measures, calculated columns, drill-throughs and interactive report views.
- Schedule and monitor Databricks workflows used to refresh analytical tables and downstream Power BI reports.
- Validate report outputs through source comparison in TOAD, record-count checks, total reconciliation, duplicate checks, null checks and business-rule validation.
- Investigate issues across raw data, Databricks transformations, Power BI models and report visuals, coordinating with upstream ingestion teams when source-data defects are identified.
- Support a portfolio of approximately 20 analytical reports, resolving workflow failures, refresh issues, incorrect calculations, data mismatches and urgent business requests.
- Use Git for version control and improve transformation logic through early filtering, required-column selection, removal of repeated calculations and simplification of complex joins.

EDUCATION

B.E. Electronics & Communication Engineering, Velammal Engineering College

07/2017 – 06/2021 | Chennai, India

GPA: 8.71

TECHNICAL SKILLS

- Data Engineering: Databricks, PySpark, Spark SQL, Delta Lake, Databricks Workflows, ETL, data pipelines
- Business Intelligence: Power BI, DAX, Power Query, semantic modelling, dashboard development
- Data and Databases: SQL, Oracle ERP data, Delta tables, TOAD
- Engineering Practices: Git, data validation, production support, dimensional modelling, full-refresh processing, historical data processing
- Additional Tools: Power Apps

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)

KEY PROJECTS

PFEP Dashboard, Supplier, Packaging & Warehouse Analytics | Databricks, Power BI, SQL

Technologies: Databricks, PySpark, Spark SQL, Delta Lake, Power BI, DAX, Power Query

- Owned delivery of the PFEP analytics solution across Databricks transformations, curated datasets, Power BI development, stakeholder validation and production support.
- Processed millions of material-transaction records together with supplier, packaging, warehouse and master-data information.
- Applied business rules and joins across multiple supply-chain subject areas to create report-ready Delta tables and analytical views.
- Built Power BI models, DAX measures and report pages used for inventory, supplier, packaging and warehouse analysis.

Network Monitoring Dashboard, Databricks, SQL, PySpark, Power BI, DAX, Power Query

- Developed and supported a supply-chain network-monitoring dashboard covering inventory, Days Inventory Outstanding, work-in-progress, raw-material transactions, manufacturing networks and supplier information.
- Transformed operational and material-transaction data into network-level analytical datasets.
- Developed Power BI measures and visualisations to help users monitor supply-chain metrics across manufacturing networks.
- Delivered enhancements based on changing business requirements and operational priorities.
- Investigated report discrepancies and coordinated with upstream teams when source-data issues were identified.
- Supported report refreshes and production issues across both Databricks and Power BI layers.

VPI Tariff Estimation & Simulation Dashboard

Technologies: Databricks, Python, SQL, Power Apps, Power BI, DAX, Power Query

- Developed the Databricks processing and Power BI reporting components for a tariff-estimation and simulation solution.
- Processed program data and business inputs received through SharePoint and Power Apps and implemented country-specific tariff and cost-calculation logic.
- Prepared curated analytical outputs and interactive report views that enabled business users to review and simulate tariff scenarios.
- Worked directly with stakeholders for requirement clarification, demonstrations, feedback, validation and post-production issue resolution.