

# Bhargav Dharmapuri

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## Profile

Data Analyst with 4+ years of end-to-end analytics experience delivering actionable insights in supply chain, marketing, and operations. Proven expertise in SQL, Python, Power BI, Tableau, and cloud platforms (AWS, Azure). Achievements include reducing logistics costs by 10%, improving inventory accuracy by 20%, and saving over 600 analyst hours annually through automation and ML-driven solutions. Strong collaborator and storyteller, adept at translating complex data into strategic recommendations.

## Experience

### CARRIER TECHNOLOGIES | DATA ANALYST | HYDERABAD, INDIA | JUN 2020 – JUL 2023

- Analyzed 10K+ monthly records using SQL and Python to identify process bottlenecks, boosting efficiency by 15%.
- Developed demand-forecast models (Prophet, ARIMA) to enhance inventory accuracy by 20%, reducing overstock costs by \$60K/year.
- Designed and deployed an ML-based consumer trend model (Scikit-learn), increasing marketing campaign ROI by 15% in one quarter.
- Automated Power BI data refreshes via Gateway, reclaiming 780+ analyst hours per year for 100+ users.
- Optimized Azure Synapse pipelines, cutting query latency by 40% on terabyte-scale datasets.
- Led SQL and Power BI training for 15+ staff, driving analytics adoption by 50% enterprise wide.

### MICRON TECHNOLOGIES | JUNIOR DATA ANALYST | HYDERABAD, INDIA | JUL 2019 – DEC 2019

- Migrated manual ETL processes from Excel to Talend and Python, reducing manual effort by 40%.
- Cleansed and processed 10 TB of semi-structured data using PySpark, improving query speed by 30%.
- Architected Snowflake star-schema models, eliminating 25% redundant reports and ensuring data consistency.
- Developed Tableau churn dashboard to inform targeted retention strategies, lifting retention ROI by 15%.

### TERA STAR NETWORKS | DATA INTERN | HYDERABAD, INDIA | JAN 2019 – JUN 2019

- Implemented pytest-based ETL validation framework, detecting 95% of data issues pre-production.
- Built linear regression sales forecast model with 85% accuracy, reducing stock-outs by 12%.

## Education

- Master of Science in Business Analytics | Lewis University, Romeoville, IL | 2025
- Bachelor of Commerce in Computer Applications | Osmania University, Hyderabad, India | 2020

## Skills & Abilities

- **Data Analysis & Visualization:** SQL, Python (Pandas), Power BI (DAX), Tableau (LOD)
- **Machine Learning & Forecasting:** Scikit-learn, XGBoost, Prophet, ARIMA, TensorFlow
- **Data Engineering & ETL:** Talend, Apache Airflow, PySpark, Azure Synapse, Snowflake
- **Cloud Platforms:** AWS (S3, Redshift, SageMaker), Azure (Synapse)
- **Stakeholder Engagement:** Requirements gathering, training & upskilling, cross-functional collaboration

## PROJECTS

### Retail Sales Forecasting | Personal Project

- Combined XGBoost and ARIMA to reduce overstock by 12%, saving \$85K annually live monitoring via Power BI dashboards.

### Fashion Trend Analytics | Academic Capstone

- Conducted SQL window function and NLP analysis on 20 years of sales and social data to identify style gaps, enabling strategies projected to regain 10% market share visualized insights in Tableau.