

# Milan Paremajalu Suresh

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## SUMMARY

Data Analyst with **3 years of experience** in product analytics, forecasting, and operational reporting. Delivered **\$1.5M+ in annual efficiency gains** and reduced processing time by **90%** through **SQL/Python pipelines** and **Power BI dashboards**. Skilled in **data storytelling, experimentation, and performance analytics** that drive product strategy, growth, and decision-making.

## PROFESSIONAL EXPERIENCE

### Intern Business Analyst

Jan 2025 – May 2025

#### NewGrid Consulting

Arizona, US

- Delivered **\$1.5M+ in annual efficiency gains** by developing **SQL/Python data models and dashboards** that supported performance tracking and growth analysis.
- Automated **reporting pipelines** (Python, FastAPI, AWS S3), reducing manual preparation by **75%** and ensuring timely delivery of operational reports and metrics.
- Built **SQL/JSON validation frameworks**, reducing data discrepancies by **80%** and strengthening confidence in data used for forecasting and insights.

### Data Analyst

Oct 2021 – May 2024

#### Accenture

Bengaluru, India

- Built and maintained **SQL/Power BI dashboards** to track KPIs, product trends, and performance metrics, cutting reporting errors to **under 5%**.
- Designed **Python automation tools** that optimized testing and reduced turnaround time by **90%**, improving data quality for decision-making.
- Conducted **variance and root cause analysis** on product and system data to support accurate forecasting and roadmap prioritization.
- Collaborated with **cross-functional stakeholders** to translate analytics findings into business insights, improving performance and process efficiency by **15%**.

## SKILLS AND TOOLS

**Programming & Analysis:** Python, SQL, R, Pandas, NumPy, Scikit-learn, A/B Testing, Forecasting

**Visualization & Reporting:** Power BI, Tableau, Excel (PivotTables, Solver, VBA), Statistical Modeling

**Systems & Tools:** Snowflake, AWS, Databricks, BigQuery, REST APIs, Data Validation

**Business Focus Areas:** Product Analytics, Experimentation, Growth Insights, KPI Reporting, Executive Storytelling

## EDUCATION

### W. P. Carey School of Business, Arizona State University

Aug 2024 – May 2025

Master of Science, Business Analytics

GPA : 3.88/4.0

### Vidyavardhaka College of Engineering, India

Aug 2017 – Aug 2021

Bachelor of Engineering, Electronics and Communication

GPA : 7.87/10.0

## PROJECT EXPERIENCE

### Walmart Drone Delivery – Insights Dashboard

Oct 2025

- Built a **Power BI dashboard** integrating **SQL data from 100K+ Walmart orders**, enabling leadership to analyze delivery performance KPIs and reduce manual reporting effort by **40%**.
- Designed **DAX-based What-If** simulations for Drone Fleet Expansion and Product GM%, projecting a **4.2% profit increase (~\$2.7M)** and supporting regional expansion strategy.

### Statistical Modeling - Lego Vehicle Performance (DOE)

Nov 2024 – Dec 2024

- Reduced testing time by **30%** by applying **ANOVA and DOE in Minitab** to identify performance-impacting factors, simulating tradeoffs used in system optimization and validation.

### Customer Retention Analysis – NLP

Jan 2025 – Mar 2025

- Applied **BERT-based NLP models** to analyze 10K+ customer records, uncovering top churn predictors.
- Delivered data-driven retention strategies, improving projected customer retention by **15%**.

## CERTIFICATIONS

AWS Cloud Practitioner Essentials, McKinsey- Forward Program, IBM Data Analytics with Excel and R