

# Sudheer Tanneru

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## SUMMARY

Senior Product Analyst & Data Scientist with 5 years driving AI/ML product strategy, experimentation, and data-informed roadmaps across enterprise SaaS and government platforms. Delivered 25% CTR growth, 92% ML model accuracy, \$8M+ portfolio on-time, and 500+ hours automated annually. MS Data Science · PMP · AWS · GCP · Azure.

## PROFESSIONAL EXPERIENCE

### HP Inc. | *Senior Product Analyst*

Jul 2025 - Present

- Drove 25% CTR lift and 92% ML model accuracy by architecting A/B testing framework with Amplitude event instrumentation across 4 flagship AI/ML-powered product lines serving 1M+ active users.
- Eliminated 500+ manual processing hours/year (18% error reduction) by shipping Python + RPA pipeline for automated data ingestion and ML quality scoring in partnership with engineering.
- Reduced time-to-insight 40% by instrumenting Segment → BigQuery pipelines; enabled real-time cohort segmentation, retention, and feature adoption dashboards across 1M+ users.
- Defined North Star metrics (Retention, Engagement, LTV) and OKRs for 30+ cross-functional stakeholders; PRDs and API specs cut revision cycles 30%.

### Coupa Software | *Product Analyst (Intern)*

Jan 2025 - Jun 2025

- Identified 42% enterprise workflow drop-off via SQL funnel analysis, triggering Q3 roadmap change and accelerating 3 high-impact features; managed \$8M SaaS portfolio with 90%+ on-time delivery across 20+ releases.
- Automated KPI dashboards (SQL + Jira), cutting reporting overhead 20%; used Mixpanel behavioral analytics to prioritize sprint backlog and improve enterprise UX.
- Achieved 100% WCAG 2.1/ADA compliance across 12 modules with zero post-launch escalations via structured behavioral data analysis.

### Tata Consultancy Services | *Product & Data Analyst*

Feb 2021 - Jul 2023

- Shaped feature strategy for 2M+ users on \$3.5M statewide government platform; RICE scoring and cohort modeling cut service resolution time 35%.
- Improved stakeholder satisfaction 28% and reduced exec escalations by building C-suite Tableau dashboards with automated Pandas pipelines and Segment + Snowflake event tracking.
- Reduced backlog grooming 25% by converting ambiguous requirements into sprint-ready specs using cohort modeling and RICE prioritization across 3 product teams.

### Mphasis | *Project Lead*

Jan 2020 - Jan 2021

- Improved platform reliability 15% and reduced mean time to resolution by 20% by defining MTTR/uptime KPIs, implementing structured RCA frameworks, and partnering with engineering across 3 enterprise client accounts.
- Designed Azure-based financial reporting and analytics frameworks for 5+ enterprise clients, improving analytical delivery efficiency 30% and launching real-time Tableau KPI dashboards sustaining a 2-year production baseline.
- Coordinated end-to-end data migration for 3 enterprise clients on Azure, ensuring 99.8% data integrity and zero-downtime cutovers; managed cross-functional delivery across 10+ stakeholders in India and US time zones.

## TECHNICAL SKILLS

- **Product Analytics:** Funnel Analysis, Cohort Modeling, Retention/Churn Modeling, A/B Testing, Feature Adoption, RICE/OKRs, North Star Metrics, Experimentation Design
- **Behavioral & BI Tools:** Amplitude, Mixpanel, Segment, Optimizely, LaunchDarkly, Google Analytics, Tableau, Looker
- **Data & Cloud:** SQL, Python (Pandas, NumPy), Looker, AWS, GCP, Azure, Excel, REST APIs, Machine Learning, BigQuery, Snowflake, Redshift, RPA
- **Process & Delivery:** Jira, Azure DevOps, Confluence, Agile (SAFe, Scrum), PRD Authoring, API Specifications, PRD Authoring, WCAG 2.1/ADA, Cross-functional Leadership
- **AI/ML:** Machine Learning, A/B Testing, Predictive Modeling, Feature Engineering, NLP, Scikit-learn, TensorFlow, Hypothesis Testing

## EDUCATION & CERTIFICATION

Saint Peter's University, New Jersey | *Master of Science, Data Science*

2023 - 2025

Lovely Professional University, Punjab | *Bachelor of Engineering, Electronics and Communication*

2016 - 2020

## CERTIFICATION

- Project Management Professional (PMP®)