# DHEERAJ SHETTY

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LinkedIn | GitHub | Portfolio

## PROFESSIONAL SUMMARY

Results-driven Business Analyst with 3+ years of experience in business intelligence, data analysis, cross-functional collaboration, and operational improvements. Skilled in SQL, Python, R, Excel, Tableau, and translating business requirements into actionable insights. Experienced in supporting strategic initiatives, change management, and large-scale data analysis to optimize business processes and drive efficiency.

## EDUCATION

**Master of Science in Business Analytics and AI** *Dec 2025*
American University, Kogod School of Business                                          Washington, DC
*Relevant Coursework:* Predictive Analytics, Database and Big Data, BI, Applied Statistics, Python, Business Process Analysis

**Bachelor of Management Studies** *Oct 2020*
University of Mumbai                                                                       Mumbai, India
*Relevant Coursework:* Business Statistics, Research Methods, Strategic Management, Marketing Management

## TECHNICAL SKILLS

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|---|---|
| **Data and Analytics:** | SQL (MySQL, MSSQL, PostgreSQL, RedShift), ETL, Excel (VBA), Large dataset analysis, Data pipelines |
| **BI Tools:** | Tableau, Power BI, Looker Studio, DAX, Power Query, Data Visualization |
| **Databases and Cloud:** | SQL Server, MySQL, PostgreSQL, MongoDB, AWS, Snowflake, Data Warehousing |
| **Programming:** | Python (Pandas, NumPy, Scikit-learn), R (Statistical Analysis, Modeling), Apache Spark, Alteryx, Git, Jira, SFTP |
| **Analytics:** | Predictive Modeling, Regression, Data Cleansing, Root Cause Analysis, KPI Development and Performance Measurement |
| **Business Skills:** | Requirements Gathering, Stakeholder Communication, Agile, Documentation, Change Management |

## PROFESSIONAL EXPERIENCE

**Amazon Development Centre India** – Senior Vendor Operations Associate *May 2021 – July 2024*
- Wrote complex SQL queries (MySQL, MSSQL) to compile and analyze very large datasets (500K+ records)
- Built Tableau dashboards to track KPI for 100+ vendors; improved SLA compliance by 30% through root-cause analysis
- Developed 50+ test cases to validate data quality and outcomes; identified 95% of discrepancies pre-deployment
- Partnered cross-functionally with operations, IT and supply chain, to define requirements and scope for strategic initiatives

**American University** – Workday Technology Analyst Intern *June 2025 – Dec 2025*
- Executed SQL queries and ETL processes to compile, validate, convert 100K+ ERP records using complex Excel macros
- Drafted technical specifications defining business requirements documents for 8 integrations under the guidance of PMs
- Facilitated cross-functional Agile sessions and contributed to data governance improving integrity by 25%

**American University** – Event Data Coordinator *Dec 2024 – Aug 2025*
- Built automated workflows, reducing manual effort by 40%, saving 120 staff hours annually for faster business reviews
- Designed Tableau dashboards that served as self-service tools for event trend analysis across 100+ university programs

## RELEVANT PROJECTS

- **Next-Day ROAS Forecasting for Amazon Ads** – Built predictive models (XGBoost, Random Forest, PLS) to forecast Return on Ad Spend (ROAS) for budget allocation and bidding optimization strategies
- **Worldwide Metro Performance Analysis** – Time-series forecasting and SQL analysis, compiled 2M+ records dataset
- **Dell P2S Licensing Project** – Analyzed quote-to-cash using SQL, defined requirements for workflow improvements

## LEADERSHIP and RECOGNITION

- **President, Analytics Club** – Organized datathon with 75+ participants; led technical workshops on Python, SQL, and Tableau across campus
- **Kogod Graduate Ambassador** – Guided 50+ prospective students on academic and career pathways
- **Change Champion** – Recognized for process adoption at Center for Faculty Excellence, American University