

ROHIT GUPTA

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Data Science professional with 3+ years of experience in helping organizational stakeholders make effective data-driven decisions on a budget. Provided solutions to Fortune 100 clients from e-commerce, manufacturing, and consumer-facing internet domains with significant impact on revenues.

EDUCATION

MS, Data Science (3.8/4) - University of Washington, Seattle *Sep'17 - Mar'19*

Relevant Coursework: Probability, Statistics, Machine Learning, Visualization, Software Engineering, Hypotheses Testing, Databases, Statistical Modeling, Scalable Data Systems

BS, Electronics - Indraprastha University, New Delhi *May'09 - May'13*

TECHNICAL SKILLS

Machine Learning: Regression, Classification, Clustering, Decision Trees, Neural Networks, Optimization, NLP

Software and languages: Python, R, SQL, Excel, GitHub, AWS, Tableau, UNIX, Hadoop, Hive, Spark

PROFESSIONAL EXPERIENCE

Data Science Intern, [Strix Leviathan](#), an algorithmic trading start-up *Jun'18 - Sep'18*

- Designed a framework to test different types of stop-loss mechanisms to exit trades; improved the overall profits by ~35% via back-testing
- Created a UI from web-scraped data to streamline the trading decisions (~5 minutes to 10 seconds)
- Implemented a GUI-based data manipulation tool; analysis turn-around time dropped by 60%

Data Analyst, [Delhivery](#), a data-enabled Indian supply chain start-up with 100M+ shipments *Sep'15 - Jun'17*

- Deployed an ensemble model to predict the cash-on-delivery e-commerce returns based on historical behavior of 30+ million unique customers and other factors; achieved a 20K+USD/month cost-savings
- Implemented a semi-supervised classification algorithm to classify e-commerce products into distinct categories; utilized 15M+ unlabeled with 70K labeled descriptions for a classification accuracy of 97%
- Created an open-source business intelligence stack aimed at easy tabular access through data pipelines and ETL; reduced turn-around time for data requests from ~3 days to 15 minutes

Business Analyst, [Mu Sigma Inc.](#), an analytics firm with 100+ Fortune 500 clients *Feb'14 - Jun'15*

- Designed a dynamic pricing strategy based on price elasticity for a leading online secondary ticket marketplace; optimized the buyer commission to increase key revenue metrics by 30%
- Built a non-linear regression model to determine the number of support calls for a 5-year period with 90% accuracy for one of the world's largest smartphone manufacturer
- Developed a time-series predictive model based on ARIMAX to achieve 94% accuracy at predicting the sales of a \$50K+ wheel loader for a major construction manufacturer

EXTRA-CURRICULAR

- Senior Vice President of the Entrepreneurship Development Cell at the UG School
- Intervention Marshal at the Formula One Indian Grand Prix