ROHIT GUPTA

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

EDUCATION

Master of Science, Data Science (3.8/4)**;** University of Washington, Seattle   *Sep'17 - Mar'19*
Bachelor of Technology (72/100)**;** Indraprastha University, New Delhi   *May'09 - May'13*

PROFESSIONAL EXPERIENCE

Trainee Decision Scientist, 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 revenue 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

Data Analyst, Delhivery, a data-enabled Indian logistics 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 data of 30M+ unique consumers; 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 automated data wrangling and ETL; reduced turn-around time for data requests from ~3 days to 15 minutes

Data Science Intern, Strix Leviathan, an algorithmic cryptocurrency trading start-up in Seattle   *Jun'18 - Sep'18*

- Created a web-based UI from scraped data to chart technical indicators for efficient trading decisions
- Implemented a GUI-based data manipulation solution connected to a SQL database for faster analysis
- Analyzed the effect of regulatory announcements on crypto prices; designed a framework to test different types of stop-loss mechanisms for entries/exits

TECHNICAL SKILLS

Machine Learning: regression, classification, clustering, support vector machines, random forest, time series
Software and languages: Python (sci-kit learn, pandas, dash), R, SQL, Linux, Excel, Github, Tableau, AWS, Hadoop/Hive/Spark

EXTRA-CURRICULAR

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