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ROHIT GUPTA

Professional Experience

Data Analyst, Delhivery, logistics and e-commerce supply chain startup   *(Sep 2015 – Present)*

- Developed a *logistic regression* model to predict the cash-on-delivery returns based on past consumer behaviour and a host of other factors (locality, vendor, portal, gender, product category, price range); processed data of about 20+ million unique customers; accuracy of 90% and 50K+USD/month cost-savings
- Created an *open-source BI stack* aimed at easy tabular access to business stakeholders through pivoting; automated the processes of data extraction from warehouse, variable manipulation and database updation: reduced turn-around time from ~3 days to 15 minutes
- Developed and deployed an *RShiny* application for a test-run to determine and prove the feasibility of open-source solutions for data visualization and reporting

Trainee Decision Scientist (Business Analyst), Mu Sigma Inc. Bangalore   *(Feb 2014- Jun 2015)*

- Designed a *dynamic pricing strategy* based on price elasticity for one of the world's largest online ticket marketplace
  - Developed a *linear regression* based prediction model for suggesting the optimum commission to be charged from customers based on the current supply-demand scenario to maximize revenue
- Built a *forecasting model* to determine the total number of after-sales support calls for one of the world's largest IT and consumer electronics organization
  - Employed Non-Linear Modelling to capture the trend of support calls over the lifetime of a product
- Built a *time-series predictive* model for the sales of heavy mechanical equipment of one of the world's leading manufacturer of construction and mining equipment using an issue tree and a list of hypotheses

Education

Class/Degree	School/College	Passing Year	Marks in %
B. Tech, Electronics & Communication	Guru Gobind Singh Indraprastha University, Delhi	2013	72.29
AISSCE XII	CBSE, New Delhi	2009	91
AISSE X	CBSE, New Delhi	2007	92.8

- Qualified for Central Sector Scholarship by Ministry of Human Resource and Development
- Recognition for literary creation from National Hindi Academy
- Prestigious position in National Science Olympiad securing a school rank of II

Technical Skills

- Languages/Platforms: R, Python, SQL/NoSQL, Linux, MS Excel, MS PowerPoint, Gephi, C++
- Ancillary functions: Automation, Text Mining, Parallel Processing, Integration with Cloud, Scheduling, API

Internships

National Innovation Foundation: an autonomous body under **Department of Science and Technology, Govt.**

Of India in Value Addition R&D department, Ahmedabad   *(Jun 2012- Jul 2012)*

  - Involved in technical analysis from conception to delivery; performed feasibility studies & prototype development in liaison with a product design firm

Extra-curricular and Co-curricular Accomplishments

- Senior Vice President of the *Entrepreneurship Development Cell* at the UG School   *2012-2013*
- Volunteered at SaveLife Foundation, an NGO improving road safety and emergency medical care   *2013*
- Intervention Marshal at the F1 *Indian Grand Prix*; kept a part of the track fit for race   *2012*
- Volunteered at the *Indian Red Cross Society* and assisted in logistics and the upkeep of donors   *2012*
- Served as a Spectator Services Assistant in *Commonwealth Games, Delhi*   *2010*
- Participated in a social awareness campaign under the aegis of Leela foundation, an NGO; regarding the benefits of sanitation and the importance of a Clean Yamuna   *2010*