

TANAY PANSARI

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WORK EXPERIENCE

Trainee Decision Scientist

Mu Sigma Inc, Bangalore

📅 Sep 2016 – Present

Client: Leading CPG Manufacturer in US | Present

- Developed a Demand Forecasting model for the Marketing Team in order to accurately predict next year's demand and accordingly allocate the marketing budget
- Proposed an optimal service level based on safety stock calculation performed on the fore-casted demand while also considering the variability in demand and lead time to mitigate the risk of stockouts excess inventory for the client's products
- Designed an in-house pricing simulation application for the clients, enabling them to make strategic pricing decisions by manipulating prices for products and analyzing its impact on various financial metrics
- Improved the pricing process flow by working closely with Financial planning and Analysis Team and understanding their pain points
- Worked on improving Mu Sigma Demand Forecasting brick which could be used by the other clients

Client: Top Fortune 10 retail company in US

- Helped the Merchandising Operations Team in revision of their buying strategy by identification of drivers for declining sales of Hispanic OTC products

PROJECTS AND INTERSHIPS

SRF Limited, Gurgaon

📅 July 2015 – Dec 2015

- Worked on improving VISIMIX software by analyzing the chemical mixture composition and calculating optimized reactor paddle length and width
- Worked closely with Sales and Marketing Team to find potential buyers for the software

Extraction of Pectin and Optimization of its yield using Response Surface Method

📅 Apogee 2015 - BITS PILANI Technical Fest

- Objective was to extract Pectin from orange peel and finding the optimum pH, temperature and extraction time to maximize the yield using MINITAB software
- Secured second position in the Material Science Category for this project

SOCIAL ACTIVITIES

Greenpeace India, Mumbai

📅 May 2014 – July 2014

- Raised funds to meet 30% of the "Mahan Forest" campaign's expenditure by advertising their past campaigns to multiple corporate companies

ACADEMIC QUALIFICATION

B.E.(Hons.) in Chemical Engineering

Birla Institute of Technology and Science, PILANI

📅 Aug 2012 – 2016

📍 PILANI

CGPA: 7.69

Higher Secondary (CBSE)

Maharshi Arvind Sikshan Sansthan

📅 2009 – 2011

📍 VARANASI

Score: 85.8%

Senior Secondary (CBSE)

Delhi Public School

📅 2007

📍 VARANASI

Score: 92.6%

SKILLS

Demand Forecast

Safety Stock

Pricing Analysis

Stock Analysis

Operations Research

Inventory Management models

Monte Carlo Simulation

Regression models

Time-Series Model

R

R Shiny

SQL

C

HTML/CSS

MS Excel

ACHIEVEMENTS AND RESPONSIBILITIES

- Presented with Spot Award for adding value to client's business and error-free deliverables
- Received "Appreciation Certificate" during internship at Greenpeace India for exemplary performance; raising maximum funds among all the interns
- Organized Inter-hostel cultural fest during college being the Cultural Secretary
- Raised and managed funds for all events of Chemical Engineering Association being the Treasurer of the Association