

NAGARJUNA CHIDARALA

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Analytical thinker with expertise in developing data, math solutions and translating insights to business decisions

Technical Proficiency: Python, SQL, SAS, Power BI tools and using them to solve business problems using data

Conceptual Interests: Optimization (OR), Business Analytics, Classical Machine Learning, Cloud Computing

Career Aspirations: To drive strategic decision making through innovative analytics solutions and inspire teams

EDUCATION

Purdue University, Daniels School of Business

West Lafayette, IN

Master of Science in Business Analytics and Information Management (GPA: 3.7/4.0)

August 2024

Projects:

- Optimized supply chain network of an auto part mfg. firm with proposed savings of \$1.3M per yr (w. Kearney)
- Leveraged classification models to enhance retention and revenue through targeted marketing strategies for Airbnb
- Utilized linear optimization methods to create exam sets of same difficulty levels ensuring fair comparison
- Employed GCP technologies - BigQuery ML and Pub/Sub, to predict real-time flight delays using BTS data

Narsee Monjee Institute of Management Studies (NMIMS)

Mumbai, India

MBA – Business Analytics (GPA: 3.6/4.0, Dean's List Student)

April 2021

Indian Institute of Information Technology (IIT)

Sricity, India

Bachelor of Technology in Electronics and Communications

June 2017

PROFESSIONAL EXPERIENCE

Tiger Analytics

Hyderabad, India

Analytics Consultant

March 2022 – May 2023

- Identified key drivers contributing to manufacturing waste for a CPG major using predictive modelling and the insights resulted in increasing production capacity by 13% with cost savings of USD 26 Million in 3 years
- Led a team of 4 developing and delivering Power BI dashboards for evaluating labor efficiency across 250+ plants showing probable monetary opportunities ranging \$150k - \$6M per manufacturing plant per year
- Delivered projects within 75% of estimated timelines following Agile principles for efficient delivery and by being a key liaison between business, leadership and development teams
- Collaborated with global clients across time zones and verticals for identifying improvement opportunities

Datacurate Technologies

Mumbai, India

Analytics Consultant

April 2021 – March 2022

- Improved the claim revert time at a health insurance major from hours to under 5 sec with digital transformation
- Led a team of 5, designed data mart architecture and deployed SAS Intelligent Decisioning based fraud analytics engine that flags probable fraudulent claims
- Collaborated with medical and legal teams to develop 130+ fraud indicators for each claim to pass through

Axis Bank

Mumbai, India

Summer Intern (Analytics)

April 2020 – June 2020

- Reduced costs from cash transport vehicles by 50% using route optimization and minimizing vehicles counts
- Implemented capacitated vehicle routing algorithm (CVRP) in python using Google-OR tools
- Successfully piloted above solution in Mumbai chest during pilot phase and now expanded all over India

Velankani Software Pvt Ltd

Bengaluru, India

Software Engineer

July 2017 – May 2019

- Developed java-based solutions for a telecom client facilitating users' interaction with network elements
- Performed root cause analysis, resolved areas of concerns, reducing failure rate by more than 70%

COMPETITIONS, CERTIFICATIONS, HONORS

- [Visiting Faculty](#) at NMIMS Mumbai, currently teaching 'Fundamentals of Business Analytics' to online MBA
- Winners, SAS Optimization Challenge – 2023, Purdue University
- Winners, Crossroads Analytics Challenge – 2024 organized by NCAA, with Kaggle rank 1
- Certifications: AZ-900 Azure Cloud Fundamentals, AWS Cloud Practitioner, Data Analyst in Power BI