NAGARJUNA CHIDARALA

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PROFILE

Passionate data scientist with a knack for extracting insights from intricate data challenges. Collaborative leader with a track record of timely project completion, global client engagement, and crafting scalable data solutions using Python, SQL, statistics, and optimization techniques. Inspired by research papers, skilled in innovative problem-solving. Ready to apply expertise in advanced analytics and solution implementation within challenging data science roles.

EDUCATION

Purdue University, Daniels School of Business   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management   **August 2024**
Projects:
- Utilized classification techniques to enhance retention and revenue through targeted marketing strategies for Airbnb
- Implemented linear optimization methods to develop balanced exam sets, ensuring equitable result comparisons
- Employed GCP technologies - BigQuery ML and Pub/Sub, to predict real-time flight delays using BTS data
- *(In progress)* Designing an optimized supply chain network for an auto parts mfg. company (Consulting)

Narsee Monjee Institute of Management Studies (NMIMS)   **Mumbai, India**
Post Graduate Diploma in Management (MBA – Business Analytics)   **April 2021**

Indian Institute of Information Technology (IIIT)   **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
- Led a team of 4 developing and delivering data envelopment analysis for labor efficiency across 250+ plants showing probable monetary opportunities ranging $150k - $6M per manufacturing plant per year
- Developed Power-BI dashboards to communicate results from above projects to plants and finance teams

Datacurate Technologies   **Mumbai, India**
Technical Consultant   **April 2021 – March 2022**
- Improved the claim revert time at a health insurance major from hours or days to under 5 seconds
- Led, developed and deployed fraud identification and claim processing systems based on SAS ID using 130+ fraud indicators and flagged statistically abnormal claims for review

Axis Bank   **Mumbai, India**
Summer Intern (Analytics)   **April 2020 – June 2020**
- Reduced costs from cash transport vehicles by 50% using route optimization and minimizing vehicle counts
- Implemented capacitated vehicle routing algorithm (CVRP) in python using Google-OR tools
- Successfully validated the solution in Mumbai chest and currently being 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
- Winner, SAS Optimization Challenge – 2023, Purdue University
- Runners, Crossroads Analytics Challenge – 2024 organized by NCAA, with Kaggle rank 1
- Dean's List student during Post-Graduation at NMIMS, India
- Certifications: AZ-900 Azure Cloud Fundamentals, AWS Cloud Practitioner, Data Analyst in Power BI