

PRATYUSHA ADDULA

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Skill Highlights

- Strong decision making
- Complex problem solving
- Innovative
- Service-focused

Languages and Tools

- R
- Python
- SQL
- Spark
- Tableau and PowerBI
- Microsoft Office

Certifications

- Coursera - Deep Learning Specialization
- Stanford Online - SQL
- Stanford Online - Statistical Learning
- Bloomberg Market Concepts

National Test Scores

- **CAT 2016** - 99.06 percentile
- **IITJEE 2011** – 98.3 percentile

Languages

- English
- Hindi
- Telugu

Experience

Manager - Data Analysis - 05/2019 to Present

Adani Ports and SEZ – Mumbai

Data Driven Decision Making

Working in the Strategy and Innovation team of APSEZ Business

- Identified the Fuel excess and Spillage by tracking the fuel delivered for all port vehicles and matching them with the live GPS data.
- The project has an impact of 12K liters per month and is focused towards designing a variable billing scheme to third parties.

Deep Learning

- Worked on a POC demonstrating remote crowd management using AWS recognition/Yolo v3 and DeepSort object tracking. This helped the team to showcase our deep learning capabilities across the firm
- Worked on Text Detection and Recognition using CRAFT and DeepText Algorithms. Tweaked the algorithms based on the scenario and achieved an accuracy of 93%

Data Science Intern - 10/2018 to 03/2019

Johnson and Johnson – Mumbai

Predictive Analysis

- Identified the key metrics that influence the service level (Unit Fill Rate) for different plants in the EMEA using decision trees
- Worked on Inventory Optimization algorithms taking the demand variation and predicted UFR into consideration.

Decision Analyst Associate - 07/2016 to 06/2017

ZS Associates - Pune

Database Management and Automation

- Managed the US diabetes and Obesity database with over 24 million patients and 1 billion data points
- Streamlined the DQM processes using SQL, SAS, Excel-VBA and reduced the turn-around time by 70%

Customer Targeting

- Mapped treatment pattern across 85 current diabetes drugs on Teradata for clients in Fortune 500 list
- Designed metrics to measure efficiency of HCP marketing campaign and need for target refinement and bag follow-on projects for ZS

Education

- Post Graduate Diploma in Business: **IIM Calcutta, ISI Kolkata & IIT Kharagpur** – 2019 **CGPA** – 8.23/10
- B.Tech and M.Tech, Electronics and Communication: **NIT Rourkela** – 2016 **CGPA** – 7.99/10

Achievements

- Ranked **3rd** among 1800+ in American Express AI Challenge on topical segmentation of financial news
- Ranked **7th** among 4000+ in ZS Data Scientist Challenge for event prediction and sentiment analysis