

# HARI KRISHNA DARAPANENI

*Data Analyst*

Perceptive and logical data analyst with proven ability to communicate with both technical professionals and end users to identify and translate business requirements. Offering 15 months of experience driving data accuracy and integrity. Proven ability to build and lead teams of talented professionals to develop valuable process solutions to meet business objectives.

## Contact

### Address

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## Skills

Python 

Machine Learning 

Time Series Forecasting 

Statistical analysis 

## PROFESSIONAL EXPERIENCE

2019-09 - Data Analyst

Current

Mahindra & Mahindra Limited, Mumbai, Maharashtra

### Mahindra's Import and Exports Agri Business:

- Building a business **decision support system** inclusive of data exploration, **web-scraping, modelling, time-series and forecasting** for Quantity and price prediction: Algorithms used - Hybrid Model [R], Prophet (FB) in R and Python.
- Insights generated based on summarized news articles using Newspaper Python library (**News Summarizer developed using NLP**)
- Model deployment using **Streamlet Application using Python**.
- Worked on the dashboard application using **R Shiny** that allows users to seamlessly analyse and compare prices/quantities for Exports & Imports data.
- Consulting and brainstorming with Business heads on using Analytics to **drive business decisions**.

### Interactive Chat-bot for CXOs

- Developed **Chatbot** for assisting senior management for getting **insights** on internal data and generating **automated charts and graphs** using **NLU** and **NLG**

### Mahindra's crop business with Farmers:

- Feature Engineering and Model Building for **Credit Risk Prediction** in the Crop Care Business. Algorithms used – Logistic Regression, Random Forest, Decision Tree and Neural Network

MySQL



Tableau



R



Qlik sense



Excel



Deep  
Learning



NLP



Chat bot  
Using Rasa



Web  
scrapping



## EDUCATION

2018-12 -  
2019-07

### PGP: Data Science and Engineering

*Great Lakes Institute of Management - Chennai*

- Graduated with 80%

2013-06 -  
2017-04

### Bachelor of Technology: Mechanical Engineering

*K L University - Guntur, Andhra Pradesh*

- Graduated with 7.5 CGPA
- Major project was published in International journal of Mechanical engineering.

## ACADEMIC /RESEARCH PROJECTS

- Prediction Model for classifying the Risk Level of a Life Insurance using machine learning models (classification technique)
- Created a **fuzzy control system**, to help customers in deciding the tip amount using Python
- Worked on Twitter **sentiment analysis** analysing the tweets to give an estimate of the total sentiment of an event
- Created a **Natural language generation** Template using pandas (Python)

## CERTIFICATIONS

- Certified by IBM cognitive class on 'Machine learning with python'.
- Certified by IBM cognitive class on 'Python for Data Science '.
- Certified by IBM cognitive class on 'SQL AND RELATIONAL DATABASES '.

## EXTRA CURRICULAR ACTIVITIES

- Participated in Private Kaggle and analytics Vidhya competitions.
- Played for South Zone Cricket tournament
- Learned the German language (A1 level) in Ramakrishna math.