

## Summary

AFTENDRA

JHA 

and 6 months of experience using python, data processing, and machine A Data Science Leader with

strong mathematics and statistics background

learning algorithms to solve challenging industry problems.



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[GitHub profile](#)



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## SKILLS

- Python,
- Machine learning,
- Scikit-Learn,
- NumPy,
- CNN,
- NLP,
- MySQL,
- Tableau
- Pandas,
- Matplotlib,
- Seaborn,
- Predictive modeling using Regression,
- classification,
- clustering,
- decision trees,
- Random forests,
- ensembles and boosting algorithms
- Deep learning – Neural Networks

## INTERESTS/HOBBIES

Cricket, Watching Movies, Football

## KEY DATA SCIENCE PROJECTS

### Domain: Micro-Credit Defaulter Non-Defaulter classification

*Tech Stack:* Python, Jupyter Notebook

- *Objective:* Build a predictive model for detecting defaulter and non-defaulter users.
- *Solution:* Did EDA, treated data imbalance using SMOTE, built multiple models & did hyper parameter tuning for best performing models in each category, treated outliers using percentile approach without removing the data.

### Domain: Malignant Comment Classifier

*Tech Stack:* Python, Jupyter Notebook

- *Key Achievements:* Decision Tree on SMOTE oversampling as final model with AUC,0.94
- *Objective :* To build a classification model using NLP techniques to classify comments as good/neutral Or negative
- *Solution:* We have used NLP to pre-process and clean data. Since we had 6 labels to be predicted we introduced a new column 'label' which shows '1' for good/neutral comments and '0' for negative comments
- *We have used Vectorizer to convert comment tokens to numeric form.*
- *After considering the mentioned algorithms we concluded Decision Tree Model to be best model which gave an accuracy of 95.2%.*

### Domain: Rating Prediction Project

*Tech Stack:* Python, Jupyter Notebook,

- *Objective:* Build a Classification model to predict the Ratings.
- *Solution:* performed data visualization using Matplotlib on different views, performed EDA, standard scaling to make data ready for multiple Classification models.
- *Key Achievement:* Successful results with Random Forest classifier model. **And many more.**

## EXPERIENCE

**Data Science Intern| Flip Robo Technologies | Bangalore IN | Nov 21 – May 22**

- Got the opportunity to experience the nuances of what it takes to make a successful start up.
- Extensively worked on CNNs on web scrapped images, NLP, data analysis, Clustering Algorithms.

**Team Leader |Team Lease Company| Gwalior | Mar-17 – Mar-19**

- Performs setup and management of monthly patching of Windows Servers.
- Provide Team Members and Management, updates on the current status of incidents, changes and requests
- Provide solutions and work closely with helpdesk support staff to support day to day activities
- Excellent knowledge about VMware management tools (vCenter, vRealize Operations, VMware Configuration Manager)
- Manage Microsoft Active Directory and Group Policies across multiple site

## EDUCATION

**BBA| Score: 7.0/10 (CGPA) SARVEPALLI RADHA KRISHNAN UNIVERSITY**

**PG diploma in Data science and machine learning Data Trained Institute**