

Pavan Kumar Dumale

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Summary: An independent and self-motivated person with proven ability and experienced in creating Machine Learning and Deep Learning Models. I have also worked on various projects, dedicated performer, timely project completion and good communication skills.

Achievements:

- Mentored mini and Major projects in engineering college, I was team lead for both projects.
- Developed a Tic Tac Toe game with python3.

Ability of experience in Software development and Project implementation and Experience as a junior Data Scientist.

Programming Languages: Python

Data Science: Statistics, Analytics, Machine Learning, Sklearn Libraries, Pandas, Numpy, Deep Neural Networks, Convolutional Neural Networks, Recurrent Neural Network, NLP, Ensemble Learning, Keras, Tensorflow, Creating APIs with Flask.

Databases: SQL Server 2014,2016 , MySQL, Basic knowledge in ETL tools

Data visualization: Tableau

Cloud platform: AWS

Other Skills: possess the Quality of a Good Storyteller.

Team player with effective communication skills.

Functional Responsibilities

- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models.
- Owned and executed end to end multiple data science projects.
- Worked with various classification and regression algorithms of machine learning algorithms like Linear regression, Logistic Regression, SVM, KNN, k-means Clustering, Random Forest, Decision trees, Gradient Boost, AdaBoost, XGboost, Naive Baye's etc.
- Worked with Deep Learning projects of Artificial Neural Network, Convolutional Neural Network, RNN
- Involved in building a sentiment analysis for social media news using Natural Language processing.
- Have good command in usage of Keras library
- Involved in solving the problem of having the Multi classes and Multi Labels, that would classify the breed and pet category of the Dog.
- Have command in Databases and ETL tools using talend.
- Have knowledge on data visualisation in extracting key features, insights, patterns for story telling.
- Have basic Knowledge in creating APIs for data extracting and model deployment to local host servers.

Academic Qualifications:

- B.tech in Mechanical Engineering from Malla reddy college of engineering and Technology, Hyderabad, Secured 65.75%
- Intermediate in sri chaitanya junior college, Hyderabad, secured 80.7%
- SSC in vamsi high School, Bodhan, secured 9.3 GPA.

Certifications:

- Certificate of Excellence in business Analytics
- Certificate of Excellence in Machine Learning
- Certificate of Excellence in Deep Learning and NLP

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Representative Project Experience Summary:**1. Adopt a Buddy: Kaggle : 12-11-20 to 02-12-20**

- This problem has Multi class classification and Multiple target features.
- I have used Random Forest to classify Discrete features.
- My Roles were Data Extraction, Data Cleaning, preprocessing, Feature Engineering, Feature Selection, Model Building, Validation of Model.

2. Counterfeit Sales: Edvancer : 10-12-20 to 23-12-20

- This is related to the regression problem, we need to find the amount of sales happening in each area.
- This project involved a lot of Data cleaning, preprocessing, feature selection more than model builds of linear regression with GridsearchCV.
- This was one of the finest projects I have been involved in and spent a lot of time, learnt a lot through it.

3. Fake news: Kaggle : 03-01-21 to 11-12-21

- Fake news dataset was imported using Api from Kaggle, which has generally been collected from Social media postings.
- In this used nltk library, preprocessing has been done by stopwords, stemming, count vectors, and padding.
- Created a model by using the Embedding layers.

Strengths:

Positive Attitude: To progress positively under all circumstances with maturity approach

Adaptability & Flexibility: To adopt accordingly under the application of adverse or pressure conditions without deviating from the quality.

Enthusiasm for Learning: Endlessly strives for learning through different activities and is a fast learner