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, Time series models 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 writing APIs for workflow/frameworks and model deployment

**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

**Website:** [**linkedin.com/in/pavan-kumar-15211a1a4**](https://www.linkedin.com/in/pavan-kumar-15211a1a4?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BdjD%2FPQ%2BBTaKzXBVuhSX6mw%3D%3D)

**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