

CONTACT

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OBJECTIVES

Looking forward for a DS role to nurture my python skills & utilise the same in the favour of the firm I work for to acquire desired goal.

EXPERTISE

- In depth understanding of machine learning techniques and algorithms along with Python language & libraries.
- Python, SQLite, MongoDB, Pandas, Numpy, Regex, Linear & Logistic Regression, Naive Bayes, K-NN, K-Means, SVM, PCA, Decision Tree, Random Forest, Lasso & Ridge regression, Boosting Algos, Deep learning & NLP
- Flask Web framework, AWS, Windows,, Conda, VS Code, ML lib & NLP, Postman, Excel.
- Artificial intelligence, Information Retrieval.

SKILLS

- Machine learning: Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor's Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering.
- Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words.
- Python/ML Packages: Numpy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- Languages: Python, SQL, MongoDB
- Cloud Platforms/Services: AWS
- Web stack: Flask.
- Operating Systems: Linux, Windows.
- Database: SQLite.
- Artificial intelligence, Information Retrieval.

EDUCATION

ME (Computer) | At DYPIET Pimpri, Pune | 2012-2014|CGPA-7.5
BE (CSE) | TKIET,Waranangar | 2006-2010 | 63.21%
HSC | Maharashtra State Board | 2004-2006 | 67.30%

PERSONAL INFO

Current Address:
At-Sawrde, Post-Kale, Taluka- Panhala, District-Kolhapur, Pin Code- 416 205
DOB: 15/03/1989
Languages known: English, Hindi, Marathi
Hobbies: Playing Atheletics, Swimming

DEEPIKA PATIL

ML Developer
Cybage, Pune – 3.2 Years (june 2019 - Present)



A ML Developer with approximate 3.2 Years of deep experience in core Python & Machine learning along with cloud computing & API technologies.

WORK EXPERIENCE

- Co Operate with Data Architect to Design and Build Clean, Intuitive Statistical Models using Processing Libraries. Develop Project Concepts and maintain Optimal Workflow.
- Work with Senior Data Scientist to manage Large, Complex Data Projects for Corporate Clients.
- Able to investigate Data Visualization and Summarization Techniques. Complete detailed Programming and Development tasks.
- Deep knowledge and track record of Machine Learning Concepts like NLP Classification, Regression, Forecasting.
- Communicates findings and obstacles with Team Members to achieve Best Approach. Thorough understanding of Probability and Statistics.
- Strong Analytical and Problem solving skills with a Proactive attitude to own issues and solve them .

PROJECT SUMMARY

Project 1 : Term Deposit Prediction through examining Marketing Campaign
Domain : Finance
Approach : Classification

Project Description :
We Built Model to Predict Term Deposit via Analyzing Classic Marketing Bank Data about Marketing Campaign of a Financial Institution. Proposed Model helps Client in order to find ways to look for Future Strategies in order to improve Future Marketing Campaigns.

Roles and Responsibilities :

- Fetched Data from the Client Database using MySQL Database.
- Performed EDA using Data Visualization Libraries like Seaborn, Matplotlib.
- Performed Feature Engineering/Pre Processing/Data Wrangling which includes Null Values Treatment, Outlier Removal, Data Transformation, Encoding, Scaling, Balancing using NumPy, Pandas & Scikit-learn libraries.
- Applied Feature Selection Techniques and Hypothesis Testing to sort important features.
- Built Different ML Model with help of Machine Learning Algorithms like Logistic Regression, KNN, Decision Tree, Naive Bayes, SVM Classifier, Random Forest, Adaboost to solve Busines Problem.
- Evaluation Matrix like Confusion Matrix, Classification Report, mse, rmse, accuracy score.
- Roc Curve, Precision, Recall, F Beta Score were used for computing the Reliability and Performance of the Model.
- Term Deposit Predicted with 92% Accuracy on Random Forest Classifier.
- Actively involved in Daily Standup Calls & Task Assigned.
- Built Progress Reports & Update to Management, Client via meetings.

Project 2 : Text Classification .
Approach : NLP

Project Description :
The job of a marketer can be made easier by automated text classification of users into cohorts, as marketing is becoming more and more targeted every day. Based on the way consumers communicate about a product or brand online, marketers can keep track of them and categorise them. It is possible to train the classifier to recognise supporters and opponents. Consequently, brands are improved to better serve groups.

Roles and Responsibilities :

Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words,
Algorithms: svm, naive bayes, logistic regression.
Model evaluation.