Mayur Kolki

Data Analyst | Machine Learning Engineer | Data Scientist

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EDUCATION

PGP in Data Science

Imarticus Learning , Congress House Rd, Near Shivajinagar, Pune,   **August, 2020-May, 2021**

B.E. in Electronics and Telecommunication Engineering

NBN Sinhgad School of Engineering, Pune   **August, 2014 – oct, 2019**

Objective

Seeking a responsible and challenging position in the organization where my knowledge and experience can be shared and enriched. Data scientist with a passion to solve real-world business challenges using data analytics .

Proficient in complex machine learning and statistical modeling algorithms/techniques   for identifying patterns and extracting valuable insights for key stakeholders and organizational leadership.

Aspiring Data Scientist and Software Developer, Proficient in Data Science with focus on Feature Engineering, Data Preprocessing ,Data wrangling and Python programming language.

ACADEMIC PROJECTS

- **Car Price Prediction:** Aim of the problem was to predict the price of the car. Performed **Feature engineering,** exploratory data analysis, **handling of categorical data**, **Hyperparameter tuning.** Compared the results given by various the Regression models. Random Forest Regression gave the best results. Used the Flask framework for web application and **deployed** on local host.

- **Bank Churn**: Aim was to do binary classification of the customer • **EDA**, **Feature Engineering** • Cleaned the dataset , as it had lots of garb information like id, name , address etc • Converted 'categorical' to **dummy** variables • built **logistic regression** model on train data • predicted on test data , built confusion matrix, classification report.

- Case study on Corona virus " **https://www.worldometers.info/coronavirus/country/india/** " this website helped to get the revisied data , From which we where able to draw graphs , plot the areas wise spread and recovery death rate , Pretty good **insight** /**patterns** where brought . Monthly , weekly , data with respect to region wise graph where plot. We did the **analysis** based on the **rate** of **change** weekly.

- **Stock forecast** : Project Description , study of "mrf" stock predictions • made the **data sequential** • checked EDA • checked the data **stationary** or not, it was not so took **lag** and made the data stationary. • plot the **PACF**, **ACF** • built **ARIMA** model • **forecasted** for next 12 Months.

- **Mask Detection**: Project Description , Built **Deep Learning** model for Classification of mask or no mask using, Used Deep learning model and **CV2** library (computer vision) for detection live images, vedio . Used the Flask framework for web application and **deployed** on local host.

- **Image classification** Project Description : Multiclassification of Images using **CNN** Deep learning • obtained the input image • **Convolution** which gives **feature Maps** • **Pooling** • **Flatten** • Fully connected layer (neural network model) **Dense** layer • **compile** • image **augmentation** • **fit** the model • **predict** the test image.

FUNCTIONAL RESPONSIBILTIES

- Involved in Data Pre-Processing Technique for making the data useful for creating Machine Learning models.

- Involved in creating various Regression and classification model by using sci-kit learn libraries such as Linear Regression ,Decision Trees, Navie Bayes, Random Forests, Support Vector Machines, K Nearest Neighbors.

- Involved in excuting multiple Data Science projects end to end.

CERTIFICATIONS

- Data Science ,Data Analytics, stats , ml with R , **ML** with python , **DL** with python , **SQL** done from **Imarticus Learning, Pune**

- DL and computer vision learning from **iNeuron.ai** , **Bengaluru**
- Successfully completing the course "**Google Analytics for Beginners**"

WORK EXPERIENCE

Business Analyst Executive for the cloud kitchen "FIT INDIA KITCHEN". Key roles – training the human resource , fulfilling client requirements , analysis and research for customized requirements, adding value to the business, client relation management. From sep 2019 to nov 2020.

INTERNSHIPS

Intern at The Sparks Foundation as Data Scientist .

R.V. Industries from jan 2020 to feb 2020.

Horizon Electronics In year 2019 for 3 weeks.

TECHNICAL SKILLS

Python ,SQL ,R studio ,Excel ,Power BI ,Operating System Windows ,Machine Learning ,Supervised and unsupervised ,EDA ,Feature Engineering ,Data insight/Patterns ,-Pandas ,-Numpy ,-Matplotlib ,Deep Learning – Keras , ANN ,CNN ,-Image Classification ,-Object Detection ,-Segmentation , NLP, Probability and Statistics, Data Analytics and Data Mining, Data Structures, Computer Vision, AWS Sage Maker, AWS S3 bucket, Azure ML, flask, Hadoop, Linux Operating System ,Ubuntu.
Visualization Tools: Tableau, Power BI, MS-Excel

EXTRA CURRICULAR ACTIVITY

• Head Volunteer of 'National Service Scheme' (NSS) from 2017-2019 & actively member in social programs held by NSS.
• Active member of organizing committee of 'Sinhgad Karandak 2017' which is institute level cultural & technical event.
• Have a good experience in tackling the people for the business purpose .

PERSONAL INTERESTS

• Exercise , Cooking , Exploring New Technology.

DECLARATION

All the details which have given above information are true to the best of my knowledge.