Abhishek Kumar | Data Scientist

+918521431037 | Github | Ak352319@gmail.com | LinkedIn Profile

PROFESSIONAL SUMMARY

Passionate with Data Science with hands-on experience as a Junior Data Scientist Intern at Rubixe, Bengaluru. Applied Python-based statistical and ML techniques in impactful projects for client and got outstanding performance.

KEY SKILLS

- *Programing Language and tools*

  Python and their library **Numpy**, **Pandas**, **Matplotlib**, **Seaborn, SQL, PowerBI, Scikit-learn, TensorFlow, Keras, PyTorch, Data mining.**

- *Machine Learning Algorithms*
  Supervised and **Unsupervised** ML Algorithm, **Logistic regression**, **Decision Tree, Random Forest, SVM, K-Means Clustering, DBSCAN** etc.

- *Deep Learning*
  ANN, RNN, CNN.

- *Natural Language Processing*
  Word2Vec, TF-IDF, Word Embedding, LSTM, BI-LSTM, Stacked RNN, NLTK, GRU, Transformer, Bert, GPT.

WORK EXPERIENCE

Data Science Intern   Apr 2023- Dec 2023
Rubixe | Bengaluru

- As a Junior Data Scientist at Rubixe, I applied statistical and ML methods for data **visualization** and **cleaning**, including **outlier** visualization with Box Plot and removal using IQR and Z-Score. I implemented **anomaly detection** using DBSCAN, Isolation Forest, and Local Outlier Factor. For **handling missing** values, I employed CCA, Median, and KNN imputer for numerical data, while categorical data was replaced with the most frequent value and arbitrary techniques. Data scaling was performed using MinMaxScaler and StandardScaler, and **feature selection** was executed through PCA. My contributions significantly elevated the quality of developed models.

Indian Railways   Jan 2021- Jan 2023
Ticket Booking Clerk | Pune

- Managed platform ticket booking at Pune Railway station, Contribute to seamless operation through diligent clerical tasks.

Deputy Manager   Aug 2020- Jan 2021
Vak Reports | Pune

- As Deputy Manager at VakReports, specialize in diverse loan approvals. Analyzed customer data for Business, ensuring compliance with specific criteria for approval.

PROJECTS

Machine Learning and Deep Learning Projects

- **Cell Phone Price range prediction** and deployed on **Streamlit**
  [Deployment Link..]
- Implemented ML algorithms, including Decision Tree, Random Forest, XGBoost with Hyper-parameter tuning and achieve exceptional performance.
- Done various ML Projects like **Bank Marketing Predictive Analysis, Forest Cover Prediction** etc.
- **Predicted sugarcane Disease, Tomato Disease prediction and Rice Leaf Disease prediction.**
- Applied **CNN** models and **Adam** optimization techniques to enhance model performance, including hyper-parameter tuning and L1, L2 regularisation methods.
- Highlighted technical prowess and dedication in addressing agricultural challenges. Applied deep learning across various crops for impactful crop health management.

EDUCATION

Bachelor's in Economics   Aug 2016- Sep 2019
Magadha University Bodh Gaya, Patna

ITI in Mechanic (Motor Vehicle)
Dr. Ambedkar Memorial Industrial Training Institute,
| Pune | Aug 2020 – Sep 2022

Data Science Certification   Feb 2023 – Aug 2023
Datamites Global Training Institute, Pune

CERTIFICATION

Certified Data Scientist - *NASSCOM*
Certified Data Scientist - *DATAMITES*

SOFT SKILLS

Analytical Thinking, **Critical Thinking**, **Quantitative analysis.**