



Asmita Dakore

Data Scientist, Machine Learning & Python
Expert

+91 9665139567

dakore.asmita@gmail.com

Pune, IN



SUMMARY

Data Scientist with a strong math background and currently pursuing a post-graduation course from IIT, Guwahati, and learning all skillsets for predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Involved in the Python open-source community and passionate about deep reinforcement learning.



KEY SKILLS

- Data & Quantitative Analysis
- Data Science • Big Data Analytics
- Predictive/Statistical Modelling
- Data Mining
- Data Visualisation • Machine Learning Algorithms
- Business Intelligence • Data Wrangling • Optimisation Techniques
- Project Monitoring & Management • Coordination & Liaison
- Client Relationship Management • Strategic Planning



TECHNICAL SKILLS

- **Tools:** Python, PostgreSQL, AWS, Hive, MongoDB, MapReduce, Spark, Linux
- **Packages:** Scikit-Learn, Numpy, Scipy, Pandas, NLTK, BeautifulSoup, Matplotlib, Statsmodels, Jupyter Notebook
- **Statistics/Machine Learning:** Statistical Analysis, Linear/Logistic Regression, SVM, PCA, Ensemble Trees, Random Forests, Clustering, Graph Theory, Recommenders, Regularisations



EDUCATION

Jul '11 - Mar '16

M.I.T

B.Tech - Mechanical

Aurangabad, IN

- Bachelor of Engineering Technology: Mechanical Engineering Maharashtra Institute Of Technology - Aurangabad Graduated with 6.12 GPA
- Dissertation: Refrigerator working as a water heater
- Current Post Graduation: Data Scientist IIT Guwahati, Associated With Edureka - Distance Learning



INTERNSHIPS

Mar '20 - Aug '20

GTechnologies.pvt.Ltd

Data Science Intern

Australia

- Worked as a **Data Science intern into** Forecasting & Functional Enhancements
- Deploying complex predictive models like neural networks, time-series analysis & simulation to

forecast sales

- Created statistical models (ML algorithms/Regressions) & cluster groups (Kohonen maps/kMeans) Independently performed visualization analysis of the assigned database with Tableau, pivot tables in Excel, etc
- Applied various **machine learning techniques** to build **dynamic pricing models** and maximize profits



PROFESSIONAL EXPERIENCE



Jul '19 - Nov '19

Ziff Davis support Pvt Ltd,

Research Analyst

Pune, IN

- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns. Handled Indian and US clients, UK clients, and generated business deals for the organization.
- Warm and cold client calling to generate leads and making opportunities out of them.
- Exposure in Lead Generation, Identification, Creating, and pursue new Business Opportunities and clients.
- Managing client relationships as well as developing new business from clients and handling complete end to end sales cycle Overcame objections using friendly, persuasive strategies.
- Served as a key team member in the development of a new client pipeline.
- Built prospect lists of potential new customers through research and identification of business opportunities.



Mar '17 - Jul '19

Vihaan Industries Direct Selling India, Pune,

Business Associate

Pune, IN

Vihaan Industries Direct Selling India, Pune, Maharashtra

- Made cold calls and also had to meet clients for round table discussion for pitching the product and services.
- Dealt with national and international clients as well since I was handling Team with Business to Business and Business to customer.
- Cultivated and nurtured relationships with customers in strategic vertical markets to support the ongoing definition of the differentiated product value.
- Offered data-driven recommendations aligned with overall company strategies and prioritized process improvement initiatives.
- Had to take the conference calls for a distant conversation with team members. Handled a team of minimum 15 people at a time.
- Operated with high integrity, built trust, and earned sustained credibility with internal and external clientele.

PROJECTS

- **Mid-Term Project 1:** Executed project on "**Analysis of Customer Complaints**" using Natural Language Processing to estimate positive and negative comments from customers. Predicted if the customer will dispute the responses provided by the support team using various classification algorithms
- **Mid-Term Project 2:** Executed project on " Census Data set ", Census Analytics is a project where it needs to collect the data of people along with their incomes. As the census data is usually in large volume, so I used the Hadoop Ecosystem.
- In a similar scenario as above, the data is available in a MySQL database. Due to the inefficiency of RDBMS systems to store and analyze Big Data, it is recommended that we move the data to the Hadoop Ecosystem.

- To make the analysis faster, use Spark on top of Hive after getting data into the Hadoop cluster. Using Spark, query different tables from Hive to analyze the dataset.
- And also made use of "Income Classifier" is an application that will be used to classify individuals based on the annual income. build classification models using PySpark, Explored the possibility of classifying income based on an individual's personal information.
- **Project 3:** Executed project on "**Heart disease using Machine Learning**". Used the following classification algorithms: Logistic Regression, Random Forest, Decision Tree Classifier, and Confusion Matrix
- **Project 4:** Executed project on "**Trigger word detection Algorithm** ". I have used the Pydub package to manipulate audio. since Pydub converts raw audio files into lists of Pydub data structure, by converting a string to list I have separated words by space and activated speech-recognition.



CERTIFICATIONS

- PGP course in Data Science Certification Training from IIT Guwahati | In Association with Edureka | Dec2019-Aug2020
- Machine learning and Python, R-studio certification | In Association with 360DigiTMG | Feb2020-May 2020
- Internshala | Machine Learning | Sep 2020
- Internshala | Stock Market | Beginners Trading Certification | July 2020



ACHIEVEMENTS

- Completed project on six sigma implementation and leak testing on fuel line in Greaves Cotton Pvt Ltd over the duration of six months. Six-Sigma is a business strategy that enables an organization to increase its profits by optimizing their operations, improving quality, and eliminating the defects.
- Presented my paper on Additive manufacturing and nanotechnology in national level paper presentation competition.
- Participated as a coordinator in the state-level technical event "techkshetra 2k15". Participated in "sports agon 2015" and won 2nd prize for chess championship.
- Professional classical dancer (Odissi) and performed at many state-level events
- Member of a "green land" NGO and Active blood donor.