

ABDUL KADIR MEER

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CARRER OBJECTIVE

- To leverage my strong proficiency in Python, SQL, Machine Learning, and Power BI, along with my strong analytical and communication skills, to drive data-driven solutions in a forward-thinking organization.
- Passionate about delivering impactful insights and solving real-world challenges, I seek to contribute to a collaborative and cross-functional team in the field of Data Science and Analytics.

PROFILE SUMMARY

- Proficient in Predictive Modelling and Building Supervised and Unsupervised Machine Learning Algorithms like Linear Regression, Logistic Regression, Clustering, Dimensionality Reduction and Anomaly Detection.
- Hands on experience in Building Ensemble Learning Algorithms like KNN and Random Forest.
- Efficient in building Boosting Algorithms like XgBoost, CatBoost and Gradient Boosting.
- Strong Knowledge of Statistical concepts and techniques like Descriptive Statistics, Inferential Statistics, Probability Distributions, Sampling methods, Statistical Analysis, Covariance and Correlation, A/B Testing, Hypothesis Testing.
- Hands on Experience in performing Z – test and T-test.
- Efficient in performing ETL and EDA processes and experience in outlier treatment, missing value treatment, handling duplicated values.
- Strong knowledge of data preprocessing techniques such as Feature Scaling, Feature Engineering, Feature Selection, Feature Importance, etc.
- Gained practical skills in query language such as SQL with the ability to write and optimize queries for analyzing large datasets.
- Knowledge of Data Visualization tools like Tableau and PowerBI.
- Developed multiple dashboards in Power BI.
- Basic understanding on deep learning - ANN, CNN and NLP (Natural Language Processing).
- Excellent communication and presentation skills and strong analytical and problem-solving skills.

ACADEMIC PROFILE

- Postgraduate Program in Data Science and Analytics from Imarticus Learning, Thane.
- Bachelors of Science in Information Technology from Guru Nanak College, Mumbai in 2024 – 8.10 CGPA.
- XII: Patuck Junior College, Mumbai in 2021 – 68.67%.
- X: Michael High School, Mumbai in 2019 – 65.60%.

PROJECTS

Project Title: Capstone Project on Crop Yield Prediction

Project Description

Developed a data-driven solution using a Kaggle dataset of 160,000 rows to predict agricultural yield based on factors like soil quality, seed variety, fertilizer usage, rainfall, irrigation schedules, and sunny days. Conducted comprehensive EDA and built predictive models (Linear Regression, Random Forest, XGBoost, LightGBM), selecting the best model based on accuracy.

Key Contributions:

- Performed advanced EDA to understand key agricultural factors and their impact on yield.
- Built and compared machine learning models, ensuring robust performance through hyperparameter tuning addressed overfitting using regularization techniques (Ridge and Lasso).
- Predicted yield with high accuracy to assist farmers in optimizing agricultural practices.

Tools and Technologies: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, PDP, SHAP).

CERTIFICATIONS

- Coursera: Advanced Learning Algorithms & Supervised Machine Learning - Regression and Classification
- HpLife: Introduction on Data Science
- Great Learning: Python for Data Analysis

EXTRACURRICULAR ACTIVITIES

- Karate Gold Medalist at District level.
- Participated in various events in various colleges.
- I was a part of the Marketing Team of the cultural fest 'Zeal' organized by our college.
- Part of the technical team at the event 'AAVISHKAR' organized by the University of Mumbai.

Skills

- **Programming Languages:** Python, SQL
- **Databases:** MySQL
- **Visualization tools:** Excel, Tableau, PowerBI
- **Cloud Platforms:** AWS (S3, EC2), Streamlit
- **Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit – learn, TensorFlow, Keras, PyTorch, Statsmodels, SciPy
- **Interpersonal Skills:** Communication, Presentation, Teamwork, Active Listening, Decision Making, Analytical, Problem Solving

References

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