

Madhuri Suresh Galande

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Professional Summary-

Motivated and analytical individual with a keen interest in solving real-world problems through data. Focused on delivering insights that support smart business decisions. Eager to contribute, learn, and grow in a data-driven environment.

Educational Qualifications-

- **Bachelor of Technology (BTech) in Computer Science**
Tatyasaheb Kore Institute of Engineering and Technology, Warananagar (2024)
- **PG-Diploma in Big Data Analytics**
Kharghar, Navi Mumbai (Present)

Certifications

- Data Analytics and Reporting
- Machine Learning for Real world application

Technical Skills

Languages: Python, Core Java, OOPs, NLP, Basic AI

Big data technologies-Hadoop, Spark, Kafka, Hive

Databases-MySQL, **Cloud-**AWS, Azure

Data Analysis tools: Statistic, Machine learning, Data visualization tools-Power BI, Tableau

Operating Systems: Windows, Linux

Professional Projects

Android Application for learning geometric shapes in 3D visualization

- **Description:** We have developed android application for 5th to 10th std students. To understand the different shapes concept easily in 3D view. It will help school students to learn 3D shapes.
- **Technologies Used:** Java, Xml, Android Studio

Bank Customer Churn Prediction

- **Description:** Built and tested machine learning models (Random Forest, Decision Tree, Naive Bayes, KNN) to predict if a customer will leave the bank. Cleaned and prepared data, explored patterns, and selected important features. Compared model results using accuracy, precision, recall, and F1-score. Found key reasons for customer churn and suggested ways to help the bank keep its customers.
- **Technologies Used:** Python, Machine learning, Statistic, Data visualization tool

Mutual Fund NAV forecasting

- Built end-to-end NAV forecasting pipeline using Azure services and time-series ML models. Automated data ingestion from APIs using Python and Apache Airflow. Developed ETL workflows in Azure Data Factory and Databricks. Delivered predictions and insights through Power BI dashboards
- Tech Stack: Python, Airflow, Azure (Blob, Data Factory, Databricks, SQL), ML models, Power BI

EXTRA CURRICULAR ACTIVITIES

1. Participated in Clash Code Team Competition Secured 1 rank organized in CDAC
2. Worked as a volunteer and member in various college comities such as Eureka, ACES community

ACHIEVEMENTS

1. Received the award for best coordinator and leader in Scout and Guide community
2. Piaggio "Shiksha Se Samridhi" Program 2023-24 scholarship holder