

# Riddhi Hedao

M.Tech CSE | Python + Power BI + Machine Learning

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## EDUCATION

- M.Tech IN COMPUTER SCIENCE AND ENGINEERING** | Mediacaps University **2025-2027**
- B.E. IN COMPUTER SCIENCE AND ENGINEERING** | Government College Of Engineering **2020-2023**
- CGPA - **8.46/10** | Second Rank in the 2023 CSE Merit List at RTMNU.
  - Class Representative:** Led student coordination for 3 consecutive years.
- DIPLOMA IN COMPUTER TECHNOLOGY** | Shree Datta Meghe Polytechnic College **2017-2020**
- CGPA - **9.8/10** | **Committee member:** Contributed to “Byte” college magazine.

## SKILLS

**Programming:** Python, SQL(MySQL), Java. **Data Science:** Machine Learning, NLP, Sentiment Analysis, Flask. **Data Analysis:** Pandas, NumPy, EDA, Feature Engineering, Hypothesis Testing. **Data Visualization:** PowerBI, Matplotlib, Seaborn, Streamlit. **Language Proficiency:** English (*Professional*), Hindi, Marathi (*Native*). **Version Control:** Git

## PROJECTS

- Axon Classic Vehicles Sales Dashboard** | *GitHub Repository:* [Axon-Sales-Dashboard](#) | *Date:* 2025
- Built an end-to-end sales analytics dashboard for a classic vehicles company, uncovering actionable insights.
    - Identified top markets (USA, France) and seasonal trends (peak demand in Fall/Spring).
    - Forecasted sales decline post-2005, linking it to gas price surges.
  - Tools:** Power BI, DAX, Data Modeling (Measures, Calculated Columns)
- Credit Card Approval Prediction** | *GitHub Repository:* [Credit-Card-Repository](#) | *Date:* 2024
- Developed a Random Forest classifier (91% accuracy) to automate credit card approvals, reducing manual review time by 40%.
  - Generated business insights via SQL: Identified high-risk segments (married males had 12% higher rejections) and top earners (commercial associates).
  - Tools:** Python, Scikit-learn, Pandas, MySQL, Matplotlib, DuckDB, Hypothesis Testing, Feature Selection
- Academic Life Assistance and Guidance** | *GitHub Repository:* [ALAG Repository](#) | *Date:* 2023
- Developed a microblogging platform with emotion-aware emoticons using Lexicon-based sentiment analysis.
  - Integrated a book recommendation system and achieved 97% training accuracy for sentiment classification.
  - Deployed it using Flask.
  - Tools:** Python, Flask, MySQL, Recommendation System, Lexicon, Microblogs, NLP, Sentiment Analysis
- Accumulated Report Analysis of Youth** | *GitHub Repository:* [A-RAY Repository](#) | *Date:* 2022
- Led a team to analyze student stress trends during COVID-19 via sentiment analysis (85% test accuracy).
  - Deployed a Streamlit dashboard showing gender-based disparities: women’s productivity rose 5.3%, while men’s dropped 3.6%.
  - Tools:** Python, Flask, EDA, ML Models, NLP (NLTK), Sentiment Analysis, Hyperparameter Tuning, Streamlit

## CERTIFICATIONS

- OdinSchool Certified Data Science Professional | [Certificate](#)
- IELTS (International English Language Testing System) | **Overall Band Score: 8.0** | [Certificate](#)
- TECHSAKSHAM Program by Edunet in Partnership with SAP and Microsoft | [Certificate](#)
- How to Build Chatbots with SAP Conversational AI | **Final exam score: 84.2%** | [Certificate](#)
- From Media Computation to Data Science | **Final exam score: 90.0%** | [Certificate](#)