

Himesh Kudalkar

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EDUCATION

Dr. Babasaheb Ambedkar Technological University

Bachelor of Technology in Artificial Intelligence & Data Science

Sindhudurg, India

Aug 2024 – Aug 2028

- Relevant Coursework: Data Structures & Algorithms, Machine Learning, Database Management, Statistics
- Active participant in coding challenges and technical workshops

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML5, CSS

Machine Learning: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Feature Engineering

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, Data Cleaning

Databases: MySQL, SQLite, Database Design and Optimization

Tools & Technologies: Git, GitHub, VS Code, Google Colab, Excel

Core Competencies: Data Preprocessing, Exploratory Data Analysis, Statistical Analysis, Model Evaluation

PROJECTS

30-Day GitHub Challenge | Python, Machine Learning, Data Analytics

Ongoing

- Developing 30+ projects to strengthen problem-solving, coding, and ML implementation skills
- Built classification models achieving 85%+ accuracy on datasets including Iris and Titanic
- Created data visualization dashboards analyzing trends in real-world datasets with Matplotlib and Seaborn
- Implemented end-to-end ML pipelines including data preprocessing, feature engineering, and model evaluation

Customer Segmentation Analysis | Python, Pandas, Scikit-learn, K-Means

2024

- Performed clustering analysis on customer data to identify 4 distinct segments for targeted marketing
- Processed and cleaned 10,000+ records, handling missing values and outliers for accurate analysis
- Visualized segmentation results using PCA dimensionality reduction and interactive plots

Sales Forecasting Model | Python, Linear Regression, Time Series Analysis

2024

- Developed predictive model to forecast quarterly sales with 78% accuracy using historical data
- Engineered time-based features including seasonal trends and moving averages to improve predictions
- Presented findings through comprehensive data visualizations and statistical reports

SQL Database Management System | MySQL, Database Design

2024

- Designed and implemented relational database schema for inventory management system
- Wrote complex SQL queries including joins, subqueries, and aggregations to extract business insights
- Optimized query performance reducing execution time by 40% through indexing and query restructuring

ACHIEVEMENTS & LEADERSHIP

Technical Leadership

2024

- Led study groups helping 20+ peers understand ML algorithms and Python programming concepts
- Mentored junior students in data science projects and GitHub best practices

Academic Excellence

2022 – 2024

- Completed 12th grade from Ideal Junior College with strong foundation in mathematics and computer science

ADDITIONAL INFORMATION

Interests: Building scalable AI solutions, contributing to open-source projects, competitive programming

Availability: Actively seeking internships, hackathons, and collaborative project opportunities

Languages: English (Fluent), Hindi (Fluent), Marathi (Native)