

Shravani Kairamkonda

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PROFILE SUMMARY

- Skilled in Python, SQL, Machine Learning, and Data Visualization with expertise in EDA, feature engineering, and predictive modeling.
- Passionate about transforming complex data into actionable insights using advanced analytics and interactive dashboards (Tableau, Power BI).

PROJECTS

HeartSmart AI: Predicting Cardiovascular Risk with ML

| PySpark, Hadoop, Python, MySQL, Flask, Tableau

- Processed 500K+ health records; performed EDA, cleaning, and feature engineering for fair modeling.
- Built and tuned Random Forest, XGBoost, and Logistic Regression models, achieving 77% accuracy and recall 0.82.
- Deployed Flask app with Tableau dashboards for interactive risk prediction and visualization.

Employee Hiring & History Analysis Dashboard | Power BI, HR Analytics, KPI Reporting

- Created interactive Power BI dashboard to track new hires, separations, and workforce patterns.
- Identified hiring biases and voluntary separation trends using visual analytics.
- Delivered insights that improved HR decision-making and workforce planning.

PrakritiMate – AI-Powered Ayurvedic Health Assessment Chatbot | Android, TensorFlow Lite, NLP, Firebase

- Built Android chatbot integrating AI with Ayurveda for Prakriti (Dosha) assessment.
- Implemented TensorFlow Lite neural network for on-device ML inference and personalized guidance.
- Used NLP and Firebase for interactive assessment, authentication, and secure data storage.

TECHNICAL CERTIFICATIONS

- CDAC - PG Diploma in Big Data Analytics
- WorldQuant University - Applied AI Lab: Deep Learning for Computer Vision
- Helicoid Point Technologies – Excel, MS-SQL, Power BI
- Hackerrank – SQL (Advanced), Python
- Coursera – Front-End Developer

EXTRA CURRICULAR

- Core Committee Member & Event Organization Head
- Achieved 2 trophies in inter-college competitions
- Choreographed annual dance performances for school students

EDUCATION

Know-IT CDAC ACTS, Pune

PG Diploma in Big Data Analytics
Aug 2025 | 76.13%

Sinhgad College of Engineering, Solapur

B.Tech in Computer Science & Engineering
Jun 2024 | 82.47%

Government Polytechnic, Solapur

Diploma in Computer Technology
Sep 2021 | 92.46%

SKILLS

Languages

- Python • SQL • Java (Basics)

Databases

- MySQL

Visualization

- Tableau • Power BI • MS-Excel
- Matplotlib • Seaborn

Technologies

- Machine Learning • EDA
- Feature Engineering • PySpark
- Pandas • Numpy • Git/GitHub
- Model Building