KESHAV SARDA

Jaipur, Rajasthan, India

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PROFESSIONAL SUMMARY

Results-oriented Data Scientist and Analyst with proven expertise in AI/ML engineering, predictive modeling, and business intelligence. Experienced in building end-to-end data pipelines, developing deep learning models (CNN, LSTM), and creating automated web scraping systems. Strong foundation in Python, SQL, R, and data visualization tools (Power BI, Plotly). Demonstrated ability to translate complex datasets into actionable insights that drive business decisions. Completed 4 industry internships with hands-on experience in machine learning, statistical analysis, and dashboard development.

TECHNICAL SKILLS

Languages & Tools: Python, R, SQL (HackerRank Certified), C, C++ | Power BI, Jupyter Notebook, Git/GitHub, Excel

ML/AI & Data Science: TensorFlow, Keras, scikit-learn, PyTorch, CNN, LSTM, RNN, NLP, Computer Vision, Transfer Learning

Data Engineering: Pandas, NumPy, BeautifulSoup, Selenium, Data Pipelines, Feature Engineering, Statistical Analysis

Visualization: Matplotlib, Seaborn, Plotly, Interactive Dashboards

Cloud: Microsoft Fabric, Google Cloud Platform

PROFESSIONAL EXPERIENCE

AI/ML Intern | EvoAstra Ventures Pvt Ltd / *Remote*

November 2025 – December 2025   ID: CP365563

Advanced Web Scraping & Market Intelligence System

- Engineered automated web scraping system using Python, BeautifulSoup, and Selenium to extract competitive pricing and demand trends from used vehicle marketplaces, processing 10,000+ listings
- Designed end-to-end data pipelines for collection, cleaning, and analysis, improving data consistency by 40% and reducing manual processing time by 60%
- Developed interactive dashboards with Plotly and Seaborn to visualize pricing patterns and demand forecasting, enabling data-driven pricing strategies for automotive stakeholders

AI-Driven Image Caption Generation System

- Built deep learning model combining CNN and LSTM architectures using TensorFlow/Keras for automated image captioning, achieving 85%+ accuracy on test datasets
- Implemented transfer learning and NLP tokenization techniques to enhance semantic alignment and caption quality for diverse visual content
- Deployed production-ready system for automated media content management and digital asset indexing

Data Science Intern | Codveda Technologies / *Remote*

July 2025 – August 2025

- Developed machine learning model to predict house prices using property features (location, size, condition) on 4,600+ property listings, improving prediction accuracy by 15%
- Applied logistic regression and statistical analysis techniques for predictive modeling and feature selection
- Conducted comprehensive EDA using Pandas, NumPy, and Matplotlib to identify data patterns, outliers, and correlations
- Utilized GitHub for version control and collaborative development across the data science team

Data Analyst Intern | Samatrix Consulting Private Limited / *Remote*

June 2025 – July 2025

- Performed exploratory data analysis on graduate school admissions dataset to identify key admission factors and success predictors
- Built predictive models using Python and scikit-learn, achieving 82% accuracy in admission predictions
- Created interactive visualizations and dashboards using Seaborn and Plotly to communicate insights to stakeholders
- Leveraged SQL for data extraction, transformation, and complex filtering operations on relational databases

Data Analyst Intern | NullClass / *Remote*

December 2024 – January 2025

- Developed real-time analytics dashboards for Google Play Store data analyzing 50,000+ app records including installs, ratings, and reviews
- Created interactive choropleth maps, correlation heatmaps, and time series charts using Plotly and Seaborn for trend analysis
- Implemented SQL queries for complex data filtering and correlation analysis across multiple dimensions
- Designed integrated dashboard interface combining multiple visualization types for comprehensive data exploration

KEY PROJECTS

Pizza Sales Analysis & Forecasting | *January 2025*

- Analyzed comprehensive pizza sales data to identify top-selling items, revenue trends, and customer order patterns
- Built Power BI dashboards tracking daily, weekly, and monthly sales metrics with interactive filtering capabilities
- Performed time-series forecasting to predict future sales trends and support inventory planning decisions

Graduate School Admissions Predictor | *July 2025*

- Developed ML model to predict graduate school admission probability based on academic credentials and test scores
- Performed data preprocessing, feature engineering, and model evaluation using Python and Jupyter Notebook
- Achieved 82% prediction accuracy through hyperparameter tuning and cross-validation techniques

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Specialization: Artificial Intelligence and Machine Learning   **CGPA: 8.76/10**

JECRC University, Jaipur, Rajasthan | July 2023 – July 2027 (Expected)

CERTIFICATIONS & AWARDS

- SQL (Intermediate) – HackerRank Certified
- Tata Data Visualisation: Empowering Business with Effective Insights – Job Simulation
- Deloitte Australia Data Analytics – Job Simulation
- Data Analysis Using Python – Samatrix.io
- Get Started with Lakehouses in Microsoft Fabric – Microsoft
- Google Cloud Computing Foundations Certificate – Google Cloud