NIKITA DAS

Senior Data Analyst | Targeting Data Scientist Roles

Pune

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Linkedln | GitHub

OBJECTIVE

Senior Data Analyst with 4+ years of experience in data analytics, predictive modeling, and machine learning using Python and SQL. Strong exposure to Applied AI and Generative AI through hands-on projects, research publications, and an ongoing M.Tech in Artificial Intelligence. Seeking Data Scientist roles where analytical expertise, machine learning, and applied AI solutions can drive business impact.

SKILLS

Programming & Data
- Python, SQL
- Pandas, NumPy

Machine Learning
- Regression, Classification, Clustering
- Feature Engineering & Model Evaluation
- Scikit-learn

Deep Learning & Applied AI
- CNN-based Computer Vision
- GAN-based Image Restoration
- TensorFlow, PyTorch

Generative AI (Exposure)
- GAN architectures (image generation & restoration)
- Prompt Engineering fundamentals

Data Analysis & Visualization
- Exploratory Data Analysis (EDA)
- Statistical Analysis
- Tableau, Power BI
- Matplotlib

Tools & Platforms
- MySQL, Hadoop
- GitHub
- Jupyter Notebook, Google Colab

EXPERIENCE

SENIOR DATA ANALYST **09/2021 - Current**

EXL Service , Noida

- Handled end-to-end data analytics and machine learning tasks for businesses by applying Python and SQL.
- Applied machine learning algorithms (regression, classification, clustering) to discover pattern information to improve forecasting outcomes.
- Built automated dashboards and reporting pipelines using Tableau and Power BI, improving reporting efficiency.
- Worked with large data sets using Hadoop for data analysis/processing.

AI INTERN **06/2025 - 07/2025**

COEP Technological University - AI Data Centre, Pune

- Involved in real-world applications of machine learning, specifically data preparation, feature development, and evaluation tasks, done in Python.
- Supported research-driven analytics & modeling initiatives.

DATA SCIENTIST CONSULTANT **01/2021 - 07/2021**

Rubixe , Bangalore

Created regression models for predicting house prices, along with feature selection.

MACHINE LEARNING INTERN **01/2020 - 07/2020**

Digiadd Technologies , Bangalore

Developed machine learning models for the purpose of image segmentation & automation. Worked on cleaning, visualization, and exploratory data analysis in Python.

EDUCATION

M.Tech: Computer Science Engineering (Artificial Intelligence)
Pimpri Chinchwad University, Pune
Expected: March 2026

B.Tech in Computer Science & Engineering
KLE Dr. M.S. Sheshgiri College of Engineering & Technology, Belagavi
2020

CERTIFICATES

- Generative AI: Prompt Engineering Basics - IBM
- Machine Learning Foundations - Univ. of Washington
- AI For Everyone - DeepLearning.AI
- Google Data Analytics Professional Certificate
- Microsoft Certified: Power BI Data Analyst

ACHIEVEMENTS

- Delivered multiple AI/ML projects with measurable business & research impact.
- Contributed to data science blogs and technical writing on ML and AI topics.

PROJECTS RESEARCH

RetroReviveAI—AI-Powered Restoration of Historical & Damaged Images
Published at ICACECS 2025

- Built an AI-based restoration system to enhance and reconstruct degraded historical images using deep learning and GANs.
- Tools: Python, PyTorch, OpenCV, GANs

Monkey Skin Disease Detection
Published at ICIRD-24

- Implemented a YOLOv12-based object detection model for multi-class classification of monkeypox and other skin diseases.
- Tools: Python, YOLOv12, TensorFlow, OpenCV

AgroAI—AI-Powered Grape Leaf Disease Detection & Farmer Advisory

- Developed an AI-powered cross-platform mobile framework (iOS & Android) for grape leaf disease detection with real-time spectral image analysis.
- Tools: Python, TensorFlow, Keras, Flutter, NLP, Speech-to-Text APIs

NeuralSpectra—AI-driven Hyperspectral Wheat Leaf Health Assessment

- Designed an AI-driven framework for hyperspectral image analysis to detect wheat leaf health conditions.
- Tools: Python, PyTorch, Scikit-learn, Hyperspectral Imaging Libraries

Corn Leaf Disease Detection

- Applied convolutional neural networks for automated detection of corn leaf diseases to support precision agriculture and improve crop yield.
- Tools: Python, YOLOv12, TensorFlow, OpenCV