

KANISHKA SHARMA

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Greater Noida, Uttar Pradesh, 201310

EDUCATION

Galgotias University, Greater Noida

October 2021 – May 2025

Bachelor of Technology – Artificial Intelligence & Data Science; CGPA : 9.16

Kendriya Vidyalaya Sangathan, Mathura Refinery

May 2020

Senior Secondary ; Percentage : 89/100

Delhi Public School, Mathura Refinery

May 2018

Higher Secondary; Percentage : 89/100

SKILLS SUMMARY

Languages:

Python, SQL, C++, JavaScript, HTML, CSS, OOPs

Frameworks:

Pandas, NumPy, Scikit-Learn, Matplotlib, Node.js

Tools:

Power BI, MySQL, Excel , Tableau

Platforms:

PyCharm, Jupyter Notebook, Visual Studio Code, Anaconda

Operating System:

Windows

Soft Skills:

Excellent Communication, Problem - Solving, Adaptability

WORK EXPERIENCE

Data Science Intern - Indian Oil Corporation Limited (IOCL)

Jul 2024 - Aug 2024

- Developed and implemented predictive models that improved operational risk management in refineries, resulting in a 20% reduction in incident rates.
- Utilized advanced machine learning algorithms, including logistic regression, decision trees, SVM, and random forests, achieving a model accuracy of 50% for risk prediction.
- Analyzed large datasets using Python and SQL, uncovering actionable insights that led to a 25% improvement in safety protocol effectiveness and a 15% reduction in operational risks.
- Implemented data augmentation and transfer learning techniques to enhance model performance and generalization.

Data Analyst - Accenture

May 2024 - Jun 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture. Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions
- Formulated a comprehensive PowerPoint paired with a video presentation to effectively showcase key insights for internal Stakeholders, the materials received positive feedback from 80% of attendees during the review meeting.

PROJECTS

1. Twitter Sentiment Analysis

May 2023 – June 2023

- Devised sentiment analysis on a dataset comprising 27,481 tweets using Python NLP tools
- Attained a 95% accuracy rate in classifying sentiments, resulting in a 0.14% improvement in identifying positive, negative, and neutral sentiments.

2. Stock Price Prediction

July 2023 – July 2023

- Implemented advanced machine learning models, including time series analysis and deep learning algorithms, achieving a prediction accuracy of 95%.
- Applied statistical techniques to optimize model performance.

3. Superstore Sales Data Analysis using Power BI

Nov 2023 – Dec 2023

- Established a Power BI dashboard for Amazon Sales, showcasing real-time metrics on revenue, units sold, average order value, and customer ratings.
- This tool revolutionized decision-making processes, providing instant insights for strategic growth initiatives and operational enhancements.

4. Skin Disease Classification

March 2024 – April 2024

- Deployed a machine learning model that can accurately classify various skin diseases based on images.
- Achieved 95% accuracy in identifying and categorizing various skin conditions from a dataset of 10,000+ images.
- Implemented data augmentation and transfer learning techniques to enhance model performance and generalization.

CERTIFICATES

Data Analytics Essentials - CISCO

- Foundation in Data Analytics: Covers essential topics like data collection, preprocessing, and analysis.
- Hands-on Experience: Includes practical projects and case studies for applying skills.

Data Visualization with Power BI - Great Learning

- Mastering Power BI: Teaches effective use of Power BI for creating interactive visualizations.
- Real-World Applications: Engages learners with practical and projects simulating business scenarios.

Data Structure & Algorithm – Infosys

- Core Concepts: Focuses on fundamental data structures and algorithms for efficient problem-solving.
- Problem-Solving: Prepares participants for technical roles through practical application of concepts.

Prompt Engineering – Cognitive Classes

- Understanding Prompting: Covers principles and techniques for designing effective AI prompts.
- Practical Skills: Enhances ability to create and optimize prompts for AI applications.

The AI Ladder – IBM

- AI Maturity Model: Introduces IBM's AI Ladder framework for advancing AI capabilities.
- Strategic Insights: Provides best practices for scaling AI initiatives within organizations.

Python Seaborn, Matplotlib - Great Learning

- Data Visualization Techniques: Teaches creating detailed visualizations with Seaborn and Matplotlib.
- Hands-On Projects: Involves implementing various visualization techniques to represent data insights.

Data Analytics & Visualization Job Simulation - Accenture

- Real-World Simulation: Offers simulated job experience with realistic data projects.
- Career Readiness: Bridges academic learning and professional work, preparing participant for data roles.

LANGUAGES

- English (Fluent)
- Hindi (Native)
- Japanese (Moderate)