

Vandana Sharma

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Github Profile - <https://github.com/Vandanasharma-1>

LinkedIn Profile - <https://www.linkedin.com/in/vandana-sharma-20a5ab24a/>

Tableau public Profile - [Profile - vandana.sharma8791 | Tableau Public](#)

Skill

Data Science / Machine Learning / Deep Learning

Python, NLP, Data Visualisation, Supervised learning algorithms, Unsupervised learning algorithms, ANN, CNN, RNN, Feature Engineering, Feature selections and extraction, EDA, Data analysis etc.

Mathematics for ML & DI

Algebra, Probability, Statistics, Calculus, Matrics.

Python packages and Frameworks

Scikit-Learn, Tensorflow, Keras, Cloud Vision API, NumPy, Pandas, Scipy, Beautiful Soup, Matplotlib, Seaborn.

MLops Tools

DVC, MLflow, ci/cd, Tf-extended, Circleci, jenkins.

Databases

MySQL, MongoDB, Redis.

Cloud Deployment and Containers

AWS EC2, Streamlit.io, Netlify, Git, Docker,render,google cloud, Django.

Other

Tableau, Power BI, MS Excel ,Working with APIs.

Education

B.Tech CSE

Chhtrapati Shahuji Maharaj University, Kanpur

11/2021 - present

Internship

- | | |
|----------------------------------|--------------------|
| ● Data Science Intern | June - July 2024 |
| Earth5R | (Remote) |
| ● Data Science Intern | March - April 2024 |
| Oasis Infobyte | (Remote) |
| ● Machine Learning Intern | Oct - Nov 2023 |
| Acmegrade | (Remote) |

Languages

English , Hindi

Projects

Onsight Health Diagnostic webapp (Ongoing)

The problem statement related to Healthcare domain.
(Brain Tumor Part is Done)

HR Dashboard (June 2024 - July 2024)

Source: [HR-Dashboard | Tableau Public](#)

Developed a comprehensive HR dashboard featuring key metrics on hiring trends, employee distribution by department and location, and demographics (gender, age, education). Includes income analysis comparing salaries by education level and age group, empowering data-driven decision-making and strategic workforce planning

AI Gym Tracker and Pose Detector (Feb 2024 - April 2024)

Source: [Vandanasharma-1/AI-gym-tracker-and-pose-detector \(github.com\)](#)

Developed an innovative gym tracking and pose detection app using Python, OpenCV, and Mediapipe for real-time pose analysis. Features include tracking bicep curls, squats, push-ups, and lunges, achieving 98% accuracy. This solution reduced manual tracking errors by 85% and increased user satisfaction by 30%.

Olympics Analysis Project (Nov 2023 - Feb 2024)

(Recognized as the Best Project among 3rd Year Students)

Source Code: [Vandanasharma-1/olympic-insights \(github.com\)](#)

Live Website: [app · Streamlit \(olympic-insights-by-vs.onrender.com\)](#)

Engineered a dynamic data visualization web app using Python, Streamlit, Pandas, Plotly, and Seaborn. The project offers detailed insights into medal tallies, country-wise performance, and athlete-specific statistics with advanced filtering by year, country, sport, and athlete, enhancing analytical depth and user experience.