ASHISH AGRAWAL

DATA SCIENTIST

CONTACT

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SKILLS

- Python,
- Data Structures,
- Numpy.
- Pandas,
- Matplotlib.
- Feature Engineering.
- Data Cleaning.
- Machine Learning.
- Deep Learning.
- TensorFlow.
- PyTorch.
- Scikit-learn.
- OpenCV.
- NLP.
- Transformers.
- Generative AI (DCGAN).
- HTML, CSS, Flask.

ABOUT ME

I am a data scientist in machine learning, deep learning, and computer vision. With a strong background in mathematics, statistics, and programming, I am passionate about uncovering hidden patterns and insights in data. I have experience developing predictive models, implementing deep learning algorithms, and designing computer vision systems. My technical skills include proficiency in Python, Sklearn, TensorFlow, and PyTorch. I excel in translating technical insights into actionable recommendations that drive informed decision-making.

WORK EXPERIENCE

- · Data Science Intern – Tech Solutions (Fictional)
- · Jan 2024 – Mar 2024
- · Built a recommendation engine using NLP and cosine similarity.
- · Cleaned and structured large product datasets for analysis.
- · Collaborated on predictive modeling projects with senior data scientists.

PROJECT

- Amazon Product Recommendation System
- Developed a recommendation engine using NLTK for text processing and cosine similarity to find top 10 matching products.
- Breast Cancer Detection Model

- · Created a classification model to detect tumor malignancy based on image-derived features.
- · Voice Assistant with Python
- · Built a real-time functional voice assistant using Python's speech recognition libraries.
- · Crop Disease Detection Model (CNN)
- · Trained a CNN model to detect diseases in potato plants with 99% accuracy on test data.

EDUCATION

- M.Sc. (Computer Science) – Makhanlal Chaturvedi National University, Bhopal
- May – June 2021 | Score: 80.38%
- B.Sc. – Barkatullah Vishwavidyalaya, Bhopal
- April – May 2018 | Score: 70.8%
- Higher Secondary – Board of Secondary Education, MP
- March – April 2015 | Score: 70%

LANGUAGES

- English
- HINDI