

Abhishek ojha

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Training

June 2024 - July 2024

Machine Learning and Data Science Program

- Completed an extensive course on Machine Learning and data science.
- Worked on various projects, including ipl score prediction using deep learning and applying machine learning techniques for predictive insights.

Tech :- Python, Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn

Projects

Image compression using autoencoder | Machine Learning

June 2024 - July 2024

- Developed a Machine Learning model for image compression using autoencoder.
- Performed data pre-processing, resizing, normalisation, splitting
- Utilized keras to build and train the autoencoder architecture
- Implemented Neural network, Autoencoder, Deep learning, unsupervised learning
- Evaluated model performances using accuracy, precision, recall, and F1-score.
- Submitted predictions to Kaggle and optimized for leaderboard ranking.
- Google collab Repository Link:
https://colab.research.google.com/drive/1FI8POR7FCECn5F8XzdJjiXdN0_AJTryf

Developing effective language model | RNN and vector space modelling

Feb 2024 - Mar 2024

- Designed and implemented recurrent neural networks (RNNs) for sequence modeling and prediction tasks.
- Developed and optimized vector space models to improve semantic understanding and text representation.
- Conducted extensive data preprocessing, including tokenization, normalization, and word embedding generation.
- Evaluated model performance using metrics such as perplexity and cosine similarity, achieving enhanced accuracy.

Certificates

Machine Learning and Data Science Program

Aug 2024

Prompt Engineering for ChatGPT

Feb 2024

Introduction to Generative AI

Jan 2024

Introduction to Large Language Models (LLM)

Jan 2024

Technical Skills

Languages Python, c++

Tools/Libraries: Numpy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, PyTorch, Matlab, Point cloud library and OpenCV

Skills: Data Structures and Algorithms, Strong Analytical Skills, Problem-Solving, Good Communication Skills

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 7.2

Jalandhar, Punjab

Radiant central children academy

2019 – 2020

12th with Science — Percentage: 76 %

Jalalpur, Uttarpradesh

Radiant central children academy

2017-2018

10th with Science — Percentage: 87 %

Jalalpur, Uttarpradesh