PRATEEK POONIA

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Internship

AI Intern   **Since sept 24**

Outlier

- Contributed to diverse AI model training projects by performing data annotation and quality assurance Tasks across various domains, including environmental monitoring from "village_garde," or software development from "python_scree".
- Tech stacks used are Python, Web-based data annotation tools, Project management software for AI training tasks Enhanced application performance, improved records' load time, and increased overall efficiency.

Summer Training   **May 2024 - July 2024**

IBM

- Understood supervised and unsupervised learning, data preprocessing, feature engineering, and model evaluation.
- Hands-on experience with algorithms like logistic regression, decision trees, SVM, and neural networks using Python libraries like Scikit-Learn and TensorFlow.
- Worked on projects related to predictive modeling (e.g., wine quality prediction), optimizing models.

Projects

Fine Tuning BERT for Text Classification | Hugging face Transformers, PyTorch, NLP   **May 2025**

- Fine-tuned BERT base uncased model using Hugging Face Transformers on the AG News dataset.
- Applied data preprocessing, tokenization, and training using PyTorch with an accuracy of 90 percent.
- GitHub Link: *https://github.com/Prateek-Poonia/Artificial-Intelligence/blob/main/fine-tuning-bert-on-news-dataset.ipynb*

Wine Quality Prediction | Machine Learning Algorithms   **May 2024 – July 2024**

- Developed a ML model to predict wine quality using features such as acidity, alcohol content, pH, and residual sugar. I ensured proper data preprocessing, including normalization to enhance model performance.
- Implemented classification algorithms like Logistic Regression, Decision Trees, and SVM to improve accuracy.
- GitHub Link: *https://github.com/Prateek-Poonia/Wine-Quality-Prediction*

Certificates

Cyber Security   **August 2022**

NPTEL

Machine Learning for All   **March 2021**

Coursera

Applied Generative AI

Infosys Springboard

Technical Skills

Languages Python, C++

Technologies/Frameworks: Scikit-learn, Keras, Numpy, Pandas, NLTK, Transformers, PyTorch

Skills: Data Structures and Algorithms, Problem-Solving, Linear-Algebra, Supervised and Unsupervised Learning.

Education

Lovely Professional University Punjab   **2022 – 2026**

Computer Science and Engineering — CGPA: 7.1   *Jalandhar, Punjab*

Gudha International School   **2020– 2021**

12th with Science — Percentage: 95.40%   *Jhunjhunu, Rajasthan*

Gudha International School   **2018 – 2019**

10th — Percentage: 94.20   *Jhunjhunu, Rajasthan*