Ayushman Bhattacharjee

Navi Mumbai, Maharashtra | 9820737644 | bhattacharyaa001@gmail.com

linkedin.com/in/ayushmanbhattacharjee/ | https://github.com/Ayushman7022

Skills

Languages: Java, Pyt hon, Kotlin, JavaScript, C++,SQL.

Tools and libraries: Power Bi, Microsoft Excel, Fast API, Spacy, NumPy, Pandas.

Frame Works- TensorFlow ,Pytorch ,Scikit-Learn, Keras, Hugging Face Transformers.

Projects

Next Word Predictor   Dec 2024

- Uses Long Short-Term Memory (LSTM**)**, a type of recurrent neural network (RNN), to capture long-term dependencies in text.
- Uses an Embedding Layer to transform words into dense vector representations. Helps the model understand word relationships and context efficiently.
- Can be applied to chatbots, autocomplete systems, and AI writing assistants for enhancing user experience. Accuracy upto 75%.

Name Recognition Entity USING BERT   Jun 2024

- Developed and fine-tuned a Named Entity Recognition (NER) model using BERT, enhancing entity extraction accuracy. Accuracy up to 80%.
- Implemented transfer learning with Hugging Face's Transformers to optimize performance on domain-specific datasets.
- Deployed and integrated the trained model for real-world applications, showcasing efficient NLP pipeline design.

Sentiment Analysis- using Logistic Regression   Jan 2024

- Built a sentiment analysis model using Logistic Regression.
- Performed data cleaning, stemming, lemmatization, stop word removal, and vectorization (Bag of Words).
- Successfully classified sentiments as positive or negative with effective text pre-processing. Accuracy up to 76%.

Certificates

- SQL for Data Analysis and Insights by Internshala   Feb 2025
- Data Visualization with Power BI by Internshala   Dec 2024
- Data Management and Analysis Training with Excel by Internshala   Nov 2024
- Complete DSA - Self-Paced (Java) by GFG   Aug 2024

Achievement

- Solved 200+ questions on GeeksforGeeks   Jan 2025
- Secured 2nd position in the International Maths Olympiad (12th grade) Feb 2022

Education

Lovely Professional University

- B.Tech in Computer Science & Engineering CGPA 7   (2022 – Present)

New Bombay City School

- Higher Secondary (Class 12) – 76%   (Year of Completion: 2022)

New Bombay City School

- Matriculation (Class 10) – 90%   (Year of Completion: 2020)