Rahul Yadav rahul.kyadav5@tcs.com

KEY SKILLS

- Natural Language Processing
- Generative Artificial Intelligence
- Prompt Engineering
- Representational Learning
- Machine Learning
- Predictive Analytics
- Natural Language Generation
- Deep Learning
- Data Visualization & Sanitization

CERTIFICATIONS / COMPETENCIES

- Natural Language Processing – E2
- Python – E2
- Machine Learning – E1
- Deep Learning – E1
- Data Science – E1
- Certificate in Big data and Hadoop at Studybay Technology

AWARDS & ACHIEVEMENTS

- LIREL Award
- MFDM AI Aware Award
- Continuous Feedback Champion
- Vice Chair (IEEE University of Allahabad Student Chapter)
- AIP Anchor Award – 5
- Special Achievement Award
- Chairperson (IEEE University of Allahabad Student Chapter)
- Gold Medallist (Masters')
- Embark Award
- Multiple Client Appreciations

KEY PROJECTS

- **Regulation Compliance | Stellantis | Generative Artificial Intelligence**
  - Automatically consolidates automobile industry regulations and their amendments, providing a difference report for comparing two versions of the same regulation.
- **Code Migration | NLP CoE | Generative Artificial Intelligence**
  - Converts code from one programming language to another using Natural Language Processing and generative AI techniques. For example SAS to Python, SAS to R, R to Python, etc.
- **Insight Generation from Campaign Data | Microsoft | Generative Artificial Intelligence**
  - Utilizes generative AI to extract insights such as trends, outliers, and lift from campaign data, helping in data-driven decision-making.
- **Customer Persona | Verizon | Generative Artificial Intelligence**
  - Employs a generative AI-powered chatbot that mimics customer behaviour, enhancing customer interactions and support.
- **Narrative Generation | NLP CoE | Generative Artificial Intelligence**
  - Generates detailed narratives for clinical trials using Natural Language Processing and generative AI, aiding in research documentation.
- **User Sentiment Detection | MOOG | Machine Learning**
  - Utilizes machine learning techniques to detect and analyse user sentiments regarding the services provided by MOOG, helping in improving customer satisfaction.

KEY PUBLICATIONS

- **A Novel Similarity-Based Parameterized Method for Link Prediction | Elsevier** **May'23**
- **WeedNet: A deep neural net for weed identification | Elsevier** **Feb'22**
- **Network Embedding Based Link Prediction in Dynamic Networks | Elsevier** **Sept'21**
- **Incorporating Communities' Structures in Predictions of Missing Links | Springer** **May'20**
- **Hybrid Feature-Based Approach for Recommending Friends in Social Networking Systems | Inderscience** **Feb'20**
- **Hybrid Approach for Predicting and Recommending Links in Social Networks | Springer** **Sept'18**