

## Sample Research Topics

1. Structuring medical images with information geometry
2. Meta-learning models for drug design and discovery
3. Investigate dietary patterns and metabolite fingerprints of takeaway (fast) food consumers using PCA and Clustering methods
4. Identifying sarcastic and non-sarcastic news headlines
5. Flood risk prediction using Geospatial Satellite data
6. Build A Prediction Model to Accurately Detect and Classify Peripheral Neuropathy
7. Statistical and machine learning approaches to detection of glaucoma from the shape of optic disc and cup
8. Recommendation system for Stock Market trading based on Sentiment Analysis using Twitter Data
9. An hybrid approach to Opinion Mining and Sentiment Analysis
10. Stock Price Trend Prediction using the time series data ,News article and global indices performance
11. Open set recognition for text classifiers: recognizing text as 'unknown' when an unknown class text data is presented to a text
12. Contextual Question Answering System(CQAS) using NLP and Deep Learning
13. Clustering different type of words in silent speech patterns in Brain Computer Interface(BCI) using ML
14. Pattern Detection for Anti Money Laundering
15. To explore novel methods to build recommendation system based on user segmentation for an e-commerce firm
16. Learning analytics to predict learner performance in early childhood education

17. Detection and classification of AI generated fake news
18. Modeling of Fake Reviews detection system
19. Prediction of Autism Spectrum Disorder considering Behavioral Attributes
20. Detecting fraudulent transactions through credit cards
21. Develop an effective Recommender System for e-commerce using Machine Learning techniques
22. Enhanced Grievance Redressal Mechanism Using NLP And Deep Learning
23. A novel approach for Classifying Metamorphic Windows PE Malware using Self Attention Transformer model
24. Voice Based Image Summarization for Visually Impaired
25. Unravelling Deep Model Artefacts for DeepFake Videos Detection
26. Oncology Gene Expression classification using Ensemble Machine Learning Technique
27. Analysing Different LSTM Methods For Stock Market Time Series Classification
28. Predicting Health insurance claim denials prior to their submission to payers
29. Detection of user crime intentions in Twitter Tweets using Neural Networks
30. Student Academic Performance Prediction supported by Explainable AI
31. Driver Body Position Identification Using an Ensemble of CNN
32. Customer propensity conversion through Similarity-based prediction in the realm of Tourism
33. Airbnb Price Prediction Using Machine Learning and Analysing Sentiment from guest review
34. Malaria Detection from Blood smear images using Deep Learning Techniques
35. Improving Vessel Detection of Optical Aerial Satellite Images under Dynamic Marine Environments using Deep Neural Networks

36. Bone-age assessment from lateral cephalograms using deep learning convolutional neural networks

37. Predicting life insurance risk using deep learning

38. A Comprehensive Feature Selection and Classification Method For Phishing Detection