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CHENNAI – PONDICHERRY
MACHINE LEARNING TITLE LIST

PYTHON PROJECTS 2019 -2020

1. Diabetes Diagnosis Expert System Using Fuzzy Inference Methods
2. Hotel Recommendation System Using Python
3. Scalable Content-Aware Collaborative Filtering For Location Recommendation
4. Location Recommend System Based On Clustering Knn And Collaborative Filtering
5. Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites- Blood Cell Classification Using Python
6. Chat-Bot Python Project For College Information
7. Tweet Spam Detecting Using Machine Learning Using Python
8. Cricket Data Analysis Using Python
10. Online Voting Application Using Ethereum Blockchain
11. Bankruptcy Prediction Using Python
12. Facial Expression Recognition Using Python
13. Real Time Bot Detection In Twitter Using Python
14. ECG PEAK DETECTION USING CNN AND RCNN PYTHON
15. Classification Of Sarcastic And Non Sarcastic Tweets Python
16. Speaker Recognition Using Python


20. Credit Card Fraud Detection using Machine Learning and Autoencoders in Python Language.

21. Electrical Consumption Forecasting Using Time Series Analysis

22. A Sentiment Analysis System To Improve Teaching And Learning

23. Machine Learning Based Classification Of Cervical Cancer

24. Missing Data Imputation Using LSTM – KERAS


26. Sentiment Analysis on Amazon Product Review Dataset

27. Heart Disease Prediction using Machine Learning Algorithm.

IEEE PYTHON 2019-2020

28. An Ontology-Based Interpretable Fuzzy Decision Support System For Diabetes Diagnosis
   IEEE Access Year: 2018 | Volume: 6 | Journal Article | Publisher: IEEE

   Date Of Publication: 01 August 2019, Published In: IEEE Access

30. Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites
   IEEE Transactions On Knowledge And Data Engineering Year: 2019

   Year: 2019 | Volume: 7 | Journal Article | Publisher: IEEE

32. Securing Data With Blockchain And AI
   Year: 2019 | Volume: 7 | Journal Article | Publisher: IEEE

33. A MCDM-Based Evaluation Approach For Imbalanced Classification Methods in Financial Risk Prediction
34. Fusion Of Transformed Shallow Features For Facial Expression Recognition
   Year: 2019 | Volume: 7 | Journal Article | Publisher: IEEE

35. Forecasting the Short-Term Electricity Consumption of Building Using a Novel Ensemble Model
   Year: 2019

36. Predicting the Energy Consumption of Residential Buildings for Regional Electricity Supply-Side and Demand-Side Management
   Year: 2019

37. A Sentiment Analysis System To Improve Teaching And Learning
   Year: 2019 | IEEE Conference

38. Credit Card Fraud Detection

39. Crime Analysis And Prediction Using Data Mining

40. Frequent Item-Set Mining

41. Plant Disease Detection Using Machine Learning

42. An Experimental Study With Imbalanced Classification Approaches For Credit Card Fraud Detection
   Published In: IEEE Access (Volume: 7), 08 July 2019

43. An Adaptive Ensemble Machine Learning Model For Intrusion Detection
   Published In: IEEE Access (Volume: 7), 19 June 2019

44. Incremental Fuzzy Association Rule Mining For Classification And Regression
   Published In: IEEE Access (Volume: 7), 05 August 2019

45. Real-Time Detection Of Apple Leaf Diseases Using Deep Learning Approach Based On Improved Convolutional Neural Networks
   Published In: IEEE Access (Volume: 7), 06 May 2019

46. Input Feature Selection Method Based on Feature Set Equivalence and Mutual Information Gain Maximization
   Published In: IEEE Access17 October 2019
47. Training Back Propagation Neural Networks in Map-Reduce on High-Dimensional Big Datasets with Global Evolution
   Published in: IEEE Access, (Volume: 7), 2019

48. Customer Reviews Analysis with Deep Neural Networks for E-Commerce Recommender Systems
   Published in: IEEE Access (Volume: 7), 2019

49. A Data-Driven Approach for Accurate Rainfall Prediction
   Published in: IEEE Transactions on Geoscience and Remote Sensing, 2019

50. A Document Ranking Method With Query-Related Web Context
   Published in: IEEE Access, 2019

**DOTNET 2019-2020**

51. Online Chat Application
52. Face Retrieval Application Using Video
53. Fast Distributed Mining From Horizontally Distributed Data
54. Web Image Re-Ranking Using Query Specific Semantic Signatures

**IEEE DOTNET 2019-2020**

55. Face Detection Method Based On Cascaded Convolutional Networks
56. Privacy-Preserving-Outsourced Association Rule Mining On Vertically Partitioned Databases

**IEEE PHP 2019-2020**

57. A SQL Injection Detection Method Based on Adaptive Deep Forest
   Published in: IEEE Access (Volume: 7), 2019
58. A Multiple Regression Approach for Traffic Flow Estimation
   Published in: IEEE Access (Volume: 7), 2019
59. An Evaluation of Bitcoin Address Classification based on Transaction History Summarization
   Published in: IEEE Access (Volume: 7), 2019

**MACHINE LEARNING**


62. Review Of The Use Of AI Techniques In Serious Games: Decision-Making And Machine.
63. Semi-Supervised Machine Learning Approach For DDOS Detection.
64. Weakly-Supervised Deep Embedding For Product Review Sentiment Analysis.
65. Personalized Affective Feedback To Address Students’ Frustration In ITS.
68. Robust Malware Detection For Internet Of (Battlefield) Things Devices Using Deep Eigen Space Learning.
70. Modeling And Predicting Cyber Hacking Breaches.
73. A Data Mining Based Model For Detection Of Fraudulent Behaviour In Water Consumption.
76. Designing Cyber Insurance Policies: The Role Of Pre-Screening And Security Interdependence.
78. Web Application For Community Question Answering.
80. Data Analytics Approach To The Cybercrime Underground Economy.
81. Image Based Appraisal Of Real Estate Properties.
82. Cloud-Based Multimedia Content Protection System.
83. Serendipitous Recommendation In E-Commerce Using Innovator –Based Collaborative Filtering.
86. Exploratory Visual Sequence Mining Based On Pattern-Growth
88. Rainfall Rate Prediction Based On Artificial Neural Networks For Rain Fade Mitigation Over Earth-Satellite Link.
89. Phishing Web Sites Features Classification Based On Machine Learning.
90. Predicting The Top-N Popular Videos Via A Cross-Domain Hybrid Model.
92. Serendipity—A Machine-Learning Application For Mining Serendipitous Drug Usage From Social Media.
94. Self-Taught Low-Rank Coding For Visual Learning.
95. Credit Card Fraud Detection Using Ada Boost And Majority Voting.
96. Blockchain: A Game Changer For Securing Iot Data.
97. Using Data Mining To Predict Hospital Admissions From The Emergency Department.
98. Generating Multimedia Storyline For Effective Disaster Information Awareness.
99. Subway Passenger Flow Forecasting With Multi-Station And External Factors.
100. Object Visual Detection For Intelligent Vehicles.
103. Feature Extraction For Next-Term Prediction Of Poor Student Performance.
104. Phishing Email Detection Using Improved RCNN Model With Multilevel Vectors And Attention Mechanism.
106. Hitboost Survival Analysis Via A Multi-Output Gradient Boosting Decision Tree Method.
107. Correction To “Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites.

AI - NATURAL LANGUAGE PROCESSING (NLP)
109. Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites.
111. Bag-Of-Discriminative-Words (Bodw) Representation Via Topic Modeling.
112. Finding Trustworthy Service Provider In Trusted Network.
114. Multifactor Opinion Mining And Intention Analysis For Business Intelligence.
115. Sentiment Analysis System To Improve Teaching And Learning.
116. The Most Trending Articles Every Year Using NLP Techniques.
117. Read, Watch, Listen, And Summarize: Multi-Modal Summarization For Asynchronous Text, Image, Audio And Video.
118. Dynamic Fact Ordering For Factated Product Search Engines.
119. Frequent Item Sets Mining With Differential Privacy Over Large Scale Data.
120. Personalized Recommendation Of Social Images By Constructing A User Interest Tree With Deep Features And Tag Trees.
121. Classifying Depressed Users With Multiple Instance Learning From Social Network Data.
122. Detection Of Depression-Related Posts In Reddit Social Media Forum.
123. Synthetic Social Media Data Generation.
124. Audio Sentiment Analysis System.
125. A Fast Scene Text Detector Using Knowledge Distillation.

126. Sentiment Lexicon Construction With Hierarchical Supervision Topic Model.

127. A Nodes' Evolution Diversity Inspired Method To Detect Anomalies In Dynamic Social Networks.

AI - VISION (IMAGE PROCESSING)


129. Recolored Image Detection Via A Deep Discriminative Model.

130. E-Assessment Using Image Processing.


132. Open Images - Object Detection Track.

133. Selective Learning Confusion Class For Text-Based Captcha Recognition.

134. Enhanced Object Detection With Deep Convolutional Neural Networks For Advanced Driving Assistance.