



A_8	Class
2	Class_1
5	Class_2
1	Class_3
3	Class_4
4	Class_5
3	Class_6



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## List of Papers for ICDM 2019

FAT-DeepFFM: Field Attentive Deep Field-aware Factorization Machine	Junlin Zhang, Tongwen Huang and Zhiqi Zhang
A Deep Learning Framework for Classification of in vitro Multi-Electrode Array Recordings	Yun Zhao, Elmer Guzman, Morgane Audouard, Zhuowei Cheng, Paul K. Hansma, Kenneth S. Kosik and Linda Petzold
A Hybrid Model on Learning Cross Features for Transaction Fraud Detection	Han Wu, Guanjun Liu, Changju Jiang
A Hybrid Model on Learning Cross Features for Transaction Fraud Detection	Han Wu, Guanjun Liu, Changju Jiang
A Symmetry of the Data Pattern Structure	Alexey Myachin
An Efficient Approach for Mining Weighted Frequent Patterns with Dynamic Weights	Umama Dewan, Chowdhury Farhan Ahmed, Redwan Ahmed Rizvee, Carson Leung, Bryan Wodi
An Exploration into the Contexts of Errors and Value Patterns in Data Classification	William Wu
And the Winner is Stepwise Regression	Ronen Meiri and Jacob Zahavi
Anomaly Detection in Univariate Time Series: An Empirical Comparison of Machine Learning Algorithms	Sina D'Áubener, Sebastian Schmitt, Hao Wang, Peter Krause and Thomas BÄck
Building extraction method in remote sensing image	Qinzhe Han, Xin Zheng, Qian Yin and Ziyi Chen
CLUES: Detection of User Intent through Interactive Comparison	Chitra Phadke, Paishun Ting, Jin Cao, Huseyin Uzunalioglu
Coffee-Informatics: Predict Quality Category of the Coffee through Coffee Sensory Reviews	Jared Wood, Bernard Chen
Compositional Analysis for Metallic Systems: Sampling Methods	Harsha Gwalani and Martin O'Neill II and Armin R Mikler and Talukder Alam and Rajarshi Banerjee
Context Aware Image Annotation in Multiple-Instance Active Learning	Yingcheng Sun, Kenneth Loparo
Convolutional Neural Networks for series arc-fault detection	HIEN DUC VU
Data-driven American Option Pricing using Artificial Neural Networks	Hanen Borchani
Efficiency assessment of event-based predictive maintenance in Industry 4.0	Athanasios Naskos, Anastasios Gounaris



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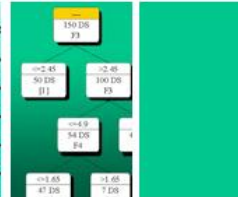


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Ensemble of Customized DenseNet with SVM for Refining Iris Contact Lens Features	Meenakshi Choudhari, Vivek Tiwari, Venkanna U
Evaluating Economic Performance with Soft Regression	Moti Schneider, Arthur Yosef and Eli Shnaider
Explore Relationship between Common Gene Expression Signatures in Different Cancer with Bio-Events	Yingcheng Sun, Kenneth Loparo
FAT-DeepFFM: Field Attentive Deep Field-aware Factorization Machine	Junlin Zhang, Tongwen Huang and Zhiqi Zhang
Feature Impact for Prediction Explanation	Mohammad Bataineh, David Steenhard and Harpreet Singh
FiBiNET: Combing Feature Importance and Bilinear feature Interaction for Click-Through Rate Prediction	Tongwen Huang, Zhiqi Zhang and Junlin Zhang
Good Models out of an assembly line or advances in targeting	Petra Perner
How to Achieve High Classification Accuracy with Just a Few Labels: A Semi-supervised Approach Using Sampled Packets	Shahbaz Rezaei, Xin Liu
Improving document classification performance by combining resources and integrating word embedding techniques	Kazem Qazanfari, Abdou Youssef
Interpretable detection of unstable smart TV usage from power state logs	Tamir Mazaev, Olivier Janssens, Dirk Van Gheel, Lieve Lanoye, Guillaume Crevecoeur, Sofie Van Hoecke
Large-Scale Vertex-Centric Network Embedding via Apache Spark	Sara Riazi and Boyana Norris
Leveraging Elastic Demand for Forecasting	Houtao Deng, Ganesh Krishnan, Ji Chen and Dong Liang
Leveraging Multiple Online Sources for Accurate Income Verification	Chirag Mahapatra, Kedar Bellare
Machine learning Interpretability: A science rather than a tool	Abdul Karim, Abdollah Dehzangi, Avinash Mishra, M.A.Hakim Newton and Abdul Sattar
Predicting e-commerce customer conversion from minimal temporal patterns on symbolized clickstream trajectories	Jacopo Tagliabue et al.
Predictive Analysis of Real-Time Strategy Games Using Discriminative Subgraph Mining	Jennifer L. Leopold, Isam A. Alobaidi, and Nathan W. Eloe
Programming Language Usage and Trends in OSS Based on Mining Github Repositories	Muna Altherwi, Andy Gravell



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Rapidly Determining the Starting Sample Size in Progressive Sampling: Mean Convergence is Sufficient	Amr ElRafey , Janusz Wojtusiak
Risk and Error Matrix charts	HK Koesmarno
Scalable Cloud-based ETL for Self-serving Analytics	Eftim Zdravevski, Cas Apanowicz, Krzysztof Stencel, Dominik Slezak
Series of Optimized Predictive Models for Forecast of Global Waste Water Treatment Plant Performance	Bharat B. Gulyani, Arshia Fathima
Sliding Window Based Weighted Periodic Pattern Mining over Time Series Database	Redwan Ahmed Rizvee, Md Shahadat Hossain Shahin, Chowdhury Farhan Ahmed, Carson Leung, Deyu Deng
Social engineering detection in online banking by automatic user activity analysis	Pavel Slipenchuk, Dmitriy Yankelevich and Pavel Krylov
Text Classification and Sentiment Analysis in Social Media for the Marketing Domain	Yaakov HaCohen-Kerner
Text Classification Using Combinations of Different Versions of Input Files	Yaakov HaCohen-Kerner, Adir Prager, and Adiel Cohen
The impact of Preprocessing on Classification of Mental Disorders	Yaakov HaCohen-kerner, Yair Yigal, and Daniel Miller
The LuNa Open Toolbox for the Luxembourgish Language	Joshgun Sirajzade and Christoph Schommer
The Use of Frequent Subgraph Mining to Develop a Recommender System for Playing Real-Time Strategy Games	Isam A. Alobaidi, Jennifer L. Leopold, and Ali A. Allami
use of big data for disaster management	Gijoo Yang
Weather Impacts on Wine, A BiMax examination of Napa Cabernet in 2011 and 2012 Vintage	Bernard Chen, David Jones, Mustafa Tunc, Kristen Chipolla and Jorge Beltran
WeFreS: Weighted Frequent Subgraph Mining in a Single Large Graph	Nahian Ashraf, Riddho Ridwanul Haque, Md. Ashraful Islam, Chowdhury Farhan Ahmed, Carson Leung, Calvin Hoi