Call for Papers of Special issue on Applied Machine Learning

About
Machine learning is usually considered as a multidisciplinary intersectional area of several fields such as computer science, artificial intelligence, statistics and operation research etc. Machine learning techniques prove to be useful to improve efficiency, speed and accuracy of outcomes in the presence of large scale data. Machine learning provides the ability to learn and make decisions without any explicit instructions or human intervention along with instantaneous adaption. The rapid growth of various tools and techniques of this field is responsible for understanding the non-linearity existing in the data, extracting several features, finding hidden patterns in data, classifying data into labels and so on. This has led to the tremendous advancement and spread in applications ranging from personalized product recommendations to speech recognition in cell phones; from predictive analytics to security applications that leverage machine learning for implementing filters and safe guards against new threats; from data mining programs that discover general rules in large data sets, to information filtering systems that automatically learn users' interests. The objective of this special issue is to cover the applications of Machine Learning to various areas of such as manufacturing, retail, healthcare, finance, travel, hospitality, science and engineering etc.

This special issue shall address the state-of-art works and latest research findings in the area of Applied Machine Learning as well as some of the core machine learning techniques and tools being used to generate new insights in various application areas. The purpose is to provide a channel to academicians, researchers and scholars of different sectors to share their work and research findings. All submissions must be original and unpublished.
Subject Coverage

Topics include, but are not limited to, the following:

**Machine Learning Techniques**
- Computational and statistical learning
- Neural networks
- Unsupervised learning
- Reinforcement learning
- Decision Tree
- Support vector machines
- Bayesian methods
- Instance based learning
- Inductive logic programming
- Error estimation and minimization
- Recommender engines
- Regulatory risk analytics
- Management of sales and marketing campaigns
- Evaluation of credit worthiness
- Travel and Hospitality Applications
- Social media based review analytics
- Traffic congestions and Optimization
- Healthcare and Life Sciences Applications
- Disease identification
- Proactive Health management
- Energy and Utilities
- Smart grid Management
- Energy demand forecasting
- Power Usage Analytics
- Carbon Emission and trading

**Application Areas**
- Manufacturing
- Process optimization
- Demand Forecasting
- Inventory planning
- Market segmentation
- Recommender engines
- Regulatory risk analytics
- Management of sales and marketing campaigns
- Evaluation of credit worthiness
- Travel and Hospitality Applications
- Social media based review analytics
- Traffic congestions and Optimization
- Healthcare and Life Sciences Applications
- Disease identification
- Proactive Health management
- Energy and Utilities
- Smart grid Management
- Energy demand forecasting
- Power Usage Analytics
- Carbon Emission and trading

**Submission Guidelines:**
- Authors should follow the "Instructions for Authors" available on the Journal website.
- Submission is limited to about 15 pages.
- Mention a subtitle "Applied Machine Learning", during submission

**Important Dates**
Manuscripts **due by**: 30th June 2019
Notification to authors: 31st August 2019
Final versions due by: 31st October 2019

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