## **EDITORIAL**

You are looking at the first issue of a new peer-reviewed journal in the areas of Applied Statistics and Machine Learning. The objective here is to provide a platform for researchers in applied disciplines, applied statistics and machine learning in academia (universities, colleges, polytechnics) and industry so that we all can exchange our ideas and our research works. Our aim is to provide accurate and reliable information on topics of interest.

A few words about statistics and machine learning: statistics is a relatively older and well established discipline going back to the 17th century (Fienberg, 1992), whereas machine learning dates back to 1950's (Fradkov, 2020). There is quite a bit of discussion in the literature on what is statistics and what is machine learning (Bzdok, Altman, & Krzywinski, 2018). We encourage and invite such discussions. For a comprehensive book on statistical learning, we would like to refer you to the book by Hastie, Tibshirani & Friedman (2013) and for machine learning a good reference is Kelleher, Mac Namee and D'Arcy, A. (2020).

We would like it if you would look at the first issue critically and give us your feedback, as that will be very helpful to us. At present, we would be publishing the Journal of Applied Statistics & Machine Learning (JASML) bi-annually but depending on the response we get from the scientific community, we will consider making JASML a quarterly journal. We would very much like to produce an online journal which you all would read, publish in, refer to, and also use it as a forum if you like.

## **References**

- Bzdok, D., Altman, N. & Krzywinski, M. Statistics versus machine learning. *Nat Methods* **15**, 233–234 (2018). https://doi.org/10.1038/nmeth.4642
- Fienberg, S.E. (1992). Statistical Science, Vol. 7, No. 2 (May, 1992), pp. 208-225.
- Hastie, T., Tibshirani, R., & Friedman, J. H. (2001). The elements of statistical learning: Data mining, inference, and prediction. New York: Springer.
- Kelleher, J.D., Mac Namee, B. and D'Arcy, A. (2020). Fundamentals of Machine Learning for Predictive Data Analytics, Algorithms, Worked Examples, and Case Studies, Second Edition, MIT Press.

Fradkov, A..L. (2020). Early History of Machine Learning. IFAC PapersOnLine 53-2 (2020) 1385–1390. Available online at www.sciencedirect.com

Chief Editor Ashok K. Singh Chair & Professor, RGGM Department, William F. Harrah College of Hospitality University of Nevada Las Vegas, USA

Section Editors Girdhar G. Agarwal Ex- Professor, Department of Statistics, University of Lucknow, Lucknow, India

## Rohan J. Dalpatadu

Professor, Department of Mathematical Sciences, University of Nevada Las, Vegas, Las Vegas, USA

**Dieudonne Phanord** *Professor, Department of Mathematical Sciences, University of Nevada Las, Vegas, Las Vegas, USA*