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Abstract

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1.1 Introduction

These guidelines, written in the style of a submission to J. Phys.: Conf. Ser., show the best layout for your paper using Microsoft Word. If you don't wish to use the Word template provided, please use the following page setup measurements. Holland [1] introduced the concept of Learning Classifier Systems. Later in the year 1988, a guest editorial was written by Goldberg and Holland [2] which describes the utilization of Genetic Algorithms and Machine Learning. In the same editorial, they have also explained the Genetic algorithms and classifier systems with a significant set of references.

1.2 Section

Several tools are available to describe the learning classifier system. In this chapter, the author would like to describe the MATLAB® Classification Learner App, BigML®, and Microsoft® AzureML®. In this text, the author has used these tools wherever it is applicable to impact the output of the classifier system.

1.2.1 Sub-Section

The Classification Learner app of MATLAB® trains models to classify data through a diverse set of classifiers to examine supervised machine learning.

1.3.2 Subsection

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Figures: (a) Submit all artwork as separate individual files. You should export or save any graphics in any one of the following formats: EPS, PDF, WMF, TIFF, GIF, JPEG or BMP. (b) All figures must be supplied as final artwork at suitable resolution. Line drawings: 600dpi and saved in two colour mode. Halftones or photographs: between 150 and 300 dpi. Screen captures: At highest resolution possible, usually 96dpi. Colour images: between 150/300dpi and saved with a maximum of 256 colours.

Table 6.6 Number of cars in parking lot

(a) Original Dataset.

(b) Simplified Dataset.

Figure 1.1: Sample of Figure (a) 1 classes (b) 2 classes.

1.4 Conclusion

Displayed equations should typed on their own line

(1.1)

and un-numbered, unless they are referred to in the text: Where equations are referred to in the text, like tables and figures, should be numbered serially in Arabic numerals through each chapter (e.g. equation (1.1), equation (1.2), . . . where the first number is the chapter number). Equations should be referred to in the text by number, including the braces, e.g. equation (1.1), equation (1.2) etc.

Acknowledgements: Authors wishing to acknowledge assistance or encouragement from colleagues, special work by technical staff or financial support from organizations should do

so in an unnumbered Acknowledgments section immediately following the last numbered section of the paper.

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CHICAGO MANUAL OF STYLE (16th Edition)

Authored book: Woods, D. D. and E. Hollnagel. 2012. *Joint cognitive systems*. Boca Raton: CRC Press/Taylor & Francis.

In text: (Woods and Hollnagel 2012)

Chapter in multi authored book: Wiens, J. A. 2005. Avian community ecology: An iconoclastic view. In

Perspectives in ornithology, ed. A. H. Brush, and G. A. Clark, 355–403. Cambridge: Cambridge Univ. Press.

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Journals: Terborgh, J. 2009. Preservation of natural diversity. *BioScience* 24:715-22.

Electronic journal: Testa, B., and L. B. Kier. 2013. Emergence and dissolution in the self-organisation of complex systems. *Entropy* 2, no. 1 (March): 1-25. <http://www.mdpi.org/entropy/papers/e2010001.pdf>.

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Adamic, L. A., and B. A. Huberman. 2006. The nature of markets in the World Wide Web. Working paper, Xerox Palo Alto Research Center. <http://www.parc.xerox.com/istl/groups/iea/www/webmarkets.html> (accessed March 12, 2014).

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