

# Menoufia University Faculty of Computers and Information

# The international Journal of computers and Information (IJCI)



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## International Journal of Computers and Information (IJCI)



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# International Journal ofComputers and Information (IJCI)



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### Click here, type the title of your paper, Capitalize first letter

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#### Abstract

#### Here write your abstract

Keywords: Type your keywords here, separated by semicolons;

#### 1. Main text

Here write your paper in sections (Introduction, Related Work, Proposed Work, Results and Discussion, conclusion, and References). Inside section use font (Times New Roman 10 pt) all section titles must be **Bold**.

#### 1.1. Figures

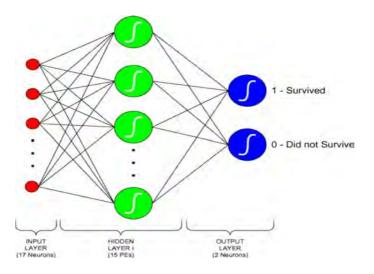


Fig. 1. Figure caption

#### 1.2. Tables

All tables should be numbered with Arabic numerals. Headings should be placed above tables, left justified. Leave one-line space between the heading and the table. Only horizontal lines should be used within a table, to distinguish the column

headings from the body of the table, and immediately above and below the table. Tables must be embedded into the text and not supplied separately. Below is an example which authors may find useful.

Table 1. table caption

Col_1	Col_2
value	value
value	value
value	value

#### 1.3. Equations

$$ri' = ri / \sum_{i=1}^{mn} ri$$
 (1)

#### 1.4. Algorithms

Algorithm 1	
Inputs:	
	Write the inputs of your algorithm here.
Parameters:	
	Write your algorithm parameters here.
Output:	
	Write the output of your algorithm here.
Steps:	
1- The steps of your algorithm must b	e written here
2-	
3-	
4- finish	

#### References

- [1] Batista, Gustavo EAPA, Ronaldo C. Prati, and Maria Carolina Monard. "A study of the behavior of several methods for balancing machine learning training data." ACM SIGKDD explorations newsletter 6.1 (2004): 20-29.
- [2] Y. Sun, A. C. Wong and M. S. Kamel, "Classification of imbalanced data: A review", Int. J. Pattern Recogn., vol. 23, no. 4, pp. 687-719, 2009.
- [3] L. Cao and Y. Zhai, "Imbalanced data classification based on a hybrid resampling svm method", *Ubiquitous Intelligence and Computing and 2015 IEEE 12th Intl Conf on Autonomic and Trusted Computing and 2015 IEEE 15th Intl Conf on Scalable Computing and Communications and Its Associated Workshops (UIC-ATC-ScalCom) 2015 IEEE 12th Intl Conf on, pp. 1533-1536, 2015.*
- [4] F. Thabtah, S. Hammoud, F. Kamalov and A. Gonsalves, "Data imbalance in classification: Experimental evaluation", Inf. Sci., vol. 513, pp. 429-441, Mar. 2020.

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