



JOURNAL OF BIG DATA SCIENCE (JBDS)



Here, Type the Title of your Paper (Max 12 Word), Font : Times New Roman, Size : 16pt, Single Spacing, Justified, Capitalize Each Word

(12pt) First Author¹, Second Author^{2*}, Third Author³

¹*Affiliation detail, City, Postal Code, Country (11pt)*

²*Affiliation detail, City, Postal Code, Country*

³*Affiliation detail, City, Postal Code, Country*

*Corresponding Author: author@gmail.com

ARTICLE INFO

Article history:

Received : Month, Year

Revised : Month, Year

Accepted : Month, Year

Available online : Month, Year

E-ISSN: xxxx-xxxx

P-ISSN: xxxx-xxxx

ABSTRACT

The typeface used is Times New Roman 11 pt maximum 250 words. It is the first part in scientific article. It comprises summary of the whole content of scientific article. It brings a general overview about the content of scientific article to the reader. The abstract must be concise, clear and informative, summarizing the main aspects of the research without including unnecessary details. It should contain the following elements: the context or problem being addressed, the methodology or approach used, the most important findings and significance of the results. The abstract must not contain references, figures, or tables. It should be written in a single paragraph with no subsections, ensuring readability and enough information to allow readers to understand the essence of the study and its relevance without reading the full article.

Keyword: Maximum, Five, Word, Key, Important

1. Introduction (12pt)

This section contains an introduction, including the background of the paper, and nomenclature if necessary. The paragraphs continue from here and are only separated by headings, subheadings, images, and formulas. Subheadings are formatted with numbers, bold font, and a font size of 12 pt. Files must be in MS Word format, and the maximum length of the paper is 12 pages. The text in the paragraphs should be typed with single spacing, justified alignment, using Times New Roman, font size 11 pt regular, and in a single-column format. The paper must use A4 paper size (21.0 x 29.7 cm) with margins of 2 cm on the left, top, right, and bottom. The first paragraph should be indented by 1 cm. Here follows further instructions for authors. (11pt)

1.1. Tables

All tables should be numbered with numerals. Every table should have a caption. Headings should be placed above tables, left justified. 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 the authors may find useful.

Table 1. An example of a table (11pt)

An example of a column heading	Column A (<i>t</i>)	Column B (<i>t</i>)
--------------------------------	-----------------------	-----------------------

And an entry	1	2
And another entry	3	4
And another entry	5	6

1.2. Construction of references

The reference list must be included at the end of the paper. Authors must ensure that every reference cited in the text appears in the reference list and vice versa. References in the text should be indicated using [1] or [2,3]. Examples of how to format references are provided at the end of this template in the 'References' section. The minimum number of references is 10 sources, but more can be included depending on the scope and type of research. More in-depth articles typically require more references.

1.3. Section headings

Section headings should be left justified, bold, with the first letter capitalized, font size 12 pt and numbered consecutively, starting with the Introduction. Sub-section headings should be in capital and lower-case italic letters, numbered 1.1, 1.2, etc, and left justified, with second and subsequent lines indented. All headings should have a minimum of two text lines after them before a page or column break. Ensure the text area is not blank except for the last page.

1.4. General guidelines for the preparation of your text

Avoid hyphenation at the end of a line. Symbols denoting vectors and matrices should be indicated in bold type. Scalar variable names should normally be expressed using italics. Weights and measures should be expressed in SI units. All non-standard abbreviations or symbols must be defined when first mentioned, or a glossary provided

1.5. General guidelines for the preparation of your text

Please do not change the margins of the template as this can result in the footnote falling outside printing range.

2. Manuscript Structure

The manuscript structure was refers to the standard structure of the body as follow:

Abstract.

It is the first part in scientific article. It comprises summary of the whole content of scientific article.

1. Introduction

It begins with general discussion. The first sentence of opening paragraph should make readers appeal and curious. Then, background of research and related previous of study are explained after opening paragraph and before end paragraph. This section logically links the existed research problems with the approach that is operated to solve the problem. Introduction ends with the aim and purpose of research or the activity and main research finding.

2. Research Methodology

It discusses about how the research be done. This section supports and establishes the explanation which is contained in the finding chapter.

3. Result and Discussion

It starts with the description of research finding. Then, data analysis of research finding becomes the next explanation. The data analysis is based on the research problem that has been presented in introduction. The descriptions in this section can explain whether the hypothesis which is presented in the introduction can be proven or not.

4. Conclusion

It is the last section in the Abstract, Introduction, Methodology (AIM) Model. It summarizes some information of the research finding and discussion.

Acknowledgements

This section acknowledges the contributions of others and enhances the credibility of the research by ensuring transparency regarding the resources utilized. It is intended to express gratitude to those who have contributed to the research.

References

References should be from the last 10 years to ensure relevance and currency. Seventy percent (70%) of the references should be from scientific journals, preferably from internationally reputable journals. The remaining 30% may come from books or other relevant sources.

3. Figure Placement

All figures should be numbered with numerals (1, 2, 3,...). Every figure should have a caption. All photographs, schemas, graphs and diagrams are to be referred to as figures. Line drawings should be good quality scans or true electronic output. Low-quality scans are not acceptable. Figures must be embedded into the text and not supplied separately. In MS word input the figures must be properly coded. Preferred format of figures are PNG, JPEG, GIF etc. Lettering and symbols should be clearly defined either in the caption as part of the figure. Figures should be placed at the top or bottom of a page wherever possible, as close as possible to the first reference to them in the paper. Please ensure that all the figures are of 300 DPI resolutions as this will facilitate good output. The figure number and caption should be typed below the illustration in 11 pt and center alignment. For example, see Fig. 1.



Figure1. An example of a picture (11pt)

4. Equations

Equations and formula should be typed in Mathtype, and numbered consecutively with numerals in parentheses on the right hand side of the page (if referred to explicitly in the text). They should also be separated from the surrounding text by one space. Equations using 11 pt size by writing the equation number placed in parentheses at the end of the right margin.

$$C^2 = A^2 + B^2 \quad (1)$$

Acknowledgements

Acknowledgements and Reference heading should be left justified, bold, with the first letter capitalized but have no numbers. Text below continues as normal.

References

The example of references using the IEEE style can be seen as follows :

1. Electronic document

- [1] European Telecommunications Standards Institute, "Digital Video Broadcasting (DVB): Implementation guidelines for DVB terrestrial services; transmission aspects," *European*

Telecommunications Standards Institute, ETSI TR-101-190, 2022. [Online]. Available: <http://www.etsi.org>. [Accessed: Aug. 17, 2022].

2. Electronic document: no author

- [2] “A ‘layman’s’ explanation of Ultra Narrow Band technology,” Oct. 3, 2021. [Online]. Available: <http://www.vmsk.org/Layman.pdf>. [Accessed: Dec. 3, 2021].

3. Government publication: Australian Bureau of Statistics document

- [3] Australian Bureau of Statistics, *Engineering Construction Activity* (cat. no. 8762.0). Canberra: ABS, 2021. [Online]. Available from AusStats, <http://www.abs.gov.au/ausstats>. [Accessed: Sept. 7, 2021].

4. Government publication: Government department

- [4] Australia. Department of Education, Employment and Workplace Relations, *Survey on Changes in Awareness and Understanding of Science, Engineering and Technology: Report on findings*. Canberra: The Department; 2020. [Online]. Available: <http://www.dest.gov.au/NR/rdonlyres/241263CF-8585-4EEC-B104-C947C6C18029/23713/SurveyonChangesinawarenessunderstandingofSET.pdf>. [Accessed: Sept. 7, 2020].

5. Journal Article

- [5] I. Thompson, “Women and feminism in technical communication,” *Journal of Business and Technical Communication*, vol. 13, no. 2, pp.154–178. 2021.
- [6] E. S. Negara, “A Review Overlapping and Non-Overlapping Community Detection Algorithm”, *Social Network*, vol. 10, no. 1, pp. 17 – 23. 2022

6. Electronic books

- [7] L. Bass, P. Clements, and R. Kazman, *Software Architecture in Practice*, 2nd ed. Reading, MA: Addison Wesley, 2021. [Online] Available: Safari e-book.
- [8] T. Eckes, *The Developmental Social Psychology of Gender*. Mahwah NJ: Lawrence Erlbaum, 2022. [Online] Available: netLibrary e-book.

7. Conference Paper Proceedings

- [9] L. Liu and H. Miao, "A specification based approach to testing polymorphic attributes," in *Formal Methods and Software Engineering: Proc.of the 6th Int. Conf. on Formal Engineering Methods, ICFEM 2021, Seattle, WA, USA, No*
- [10] T. J. van Weert and R. K. Munro, Eds., *Informatics and the Digital Society: Social, ethical and cognitive issues*: IFIP TC3/WG3.1&3.2 Open Conf. on Social, Ethical and Cognitive Issues of Informatics and ICT, July 22-26, 2022, Dortmund, Germany. Boston: Kluwer Academic, 2022.