

Write your article title briefly and clearly (Left Aligned, Bold, 16pt)

First Author^{1*}, Second Author² (12 pt)

¹ First Affiliation, Affiliation, City, Country (8 pt)

² Second Affiliation, Affiliation, City, Country

*Corresponding Author: xxxxx

Abstract:

(150–250 words)

Write a summary of the entire article, including: background, objectives, methods, main results, and conclusions. Written in one paragraph, without citations or images.

Keywords: 3–5 keywords, separated by commas. (11 pt).

ARTICLE HISTORY

Received: date, month, year

Revised: date, month, year

Accepted: date, month, year

KEYWORDS

XXXXXXXXXX

INTRODUCTION (12 pt)

The introduction includes the background of the problem, problem formulation, research objectives, research contributions, as well as a brief review of previous research (literature review). The writing of this section is accompanied by citations using the IEEE reference style [5]–[7].

RESEARCH METHODOLOGY (12 pt)

This section explains the research chronology, which includes the research design, research procedures (in the form of algorithms, pseudocode, or flowcharts), as well as testing methods and data acquisition [5]–[7]. The description of the research implementation is supported by scientific references to enhance the validity of the explanation [2], [4]. Figures and tables (for example, Figure 1, Figure 2, and Table 1) are presented centrally and referenced within the text [5], [8]–[13].

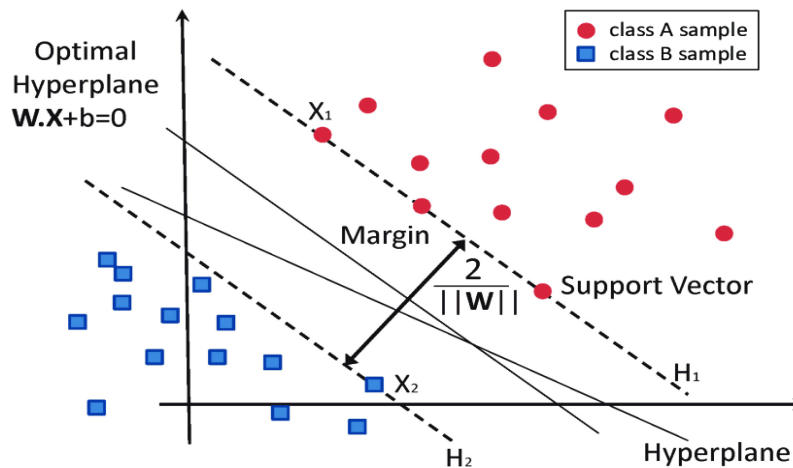


Figure 1. illustration of support vector machine

Table 1. The performance of ...

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RESULTS AND DISCUSSION (12 pt)

The research results are presented in various forms, such as testing result tables, performance graphs, and data or system output visualizations, in order to provide a comprehensive overview of the developed model's performance. The testing data indicate that [state the main results, for example, accuracy, precision, or recall rate], which indicates [briefly explain the meaning of these results]. Performance graphs help visualize the trends and stability of the model during training and testing. Meanwhile, output visualizations clarify the system's ability to recognize or classify data in accordance with the research objectives.

These results are then compared with previous research that used a similar approach. It appears that [describe the comparison, for example, the results of this study are higher/lower than before]. The analysis of the strengths shows that the applied approach successfully improved [for example, accuracy or efficiency]. On the other hand, its limitations lie in [for example, dependency on specific data types or high computational time]. This discussion forms an important foundation for evaluating the reliability and further development potential of the proposed system.

CONCLUSION (12 pt)

The conclusion of this research summarizes the main findings which indicate that **[state the main findings briefly]**, thereby making a significant contribution to the understanding or application in the field of **[research field]**. The obtained

results have important implications, particularly in terms of **[mention the implications, for example, improvement of system efficiency, model accuracy, or real-world application]**.

Nevertheless, this study has several limitations, including **[mention the limitations, for example, limited dataset size, equipment used, or issues with result generalization]**. Therefore, it is recommended that future research address these limitations, for instance, by developing new approaches, expanding data coverage, or integrating other more complex methods to achieve more optimal results.

REFERENCES (12 pt)

The primary references consist of international journals and proceedings. All references must cite the most relevant and current sources, with a minimum of 15 entries for original research papers and 50 entries for review or survey papers. All references are written in accordance with the IEEE citation style.

Example :

REFERENCES

- [1] M. Sigala, A. Beer, L. Hodgson, and A. O'Connor, *Big Data for Measuring the Impact of Tourism Economic Development Programmes: A Process and Quality Criteria Framework for Using Big Data*. 2019.
- [2] G. Nguyen *et al.*, "Machine Learning and Deep Learning frameworks and libraries for large-scale data mining: a survey," *Artif. Intell. Rev.*, vol. 52, no. 1, pp. 77–124, 2019, doi: 10.1007/s10462-018-09679-z.
- [3] C. Shorten and T. M. Khoshgoftaar, "A survey on Image Data Augmentation for Deep Learning," *J. Big Data*, vol. 6, no. 1, 2019, doi: 10.1186/s40537-019-0197-0.
- [4] R. Vinayakumar, M. Alazab, K. P. Soman, P. Poornachandran, A. Al-Nemrat, and S. Venkatraman, "Deep Learning Approach for Intelligent Intrusion Detection System," *IEEE Access*, vol. 7, pp. 41525–41550, 2019, doi: 10.1109/ACCESS.2019.2895334.
- [5] K. Sivaraman, R. M. V. Krishnan, B. Sundarraj, and S. Sri Gowthem, "Network failure detection and diagnosis by analyzing syslog and SNS data: Applying big data analysis to network operations," *Int. J. Innov. Technol. Explor. Eng.*, vol. 8, no. 9 Special Issue 3, pp. 883–887, 2019, doi: 10.35940/ijitee.I3187.0789S319.
- [6] A. D. Dwivedi, G. Srivastava, S. Dhar, and R. Singh, "A decentralized privacy-preserving healthcare blockchain for IoT," *Sensors (Switzerland)*, vol. 19, no. 2, pp. 1–17, 2019, doi: 10.3390/s19020326.
- [7] F. Al-Turjman, H. Zahmatkesh, and L. Mostarda, "Quantifying uncertainty in internet of medical things and big-data services using intelligence and deep learning," *IEEE Access*, vol. 7, pp. 115749–115759, 2019, doi: 10.1109/ACCESS.2019.2931637.
- [8] S. Kumar and M. Singh, "Big data analytics for healthcare industry: Impact, applications, and tools," *Big Data Min. Anal.*, vol. 2, no. 1, pp. 48–57, 2019, doi: 10.26599/BDMA.2018.9020031.
- [9] L. M. Ang, K. P. Seng, G. K. Ijamaru, and A. M. Zungeru, "Deployment of IoV for Smart Cities: Applications, Architecture, and Challenges," *IEEE Access*, vol. 7, pp. 6473–6492, 2019, doi: 10.1109/ACCESS.2018.2887076.
- [10] B. P. L. Lau *et al.*, "A survey of data fusion in smart city applications," *Inf. Fusion*, vol. 52, no. January, pp. 357–374, 2019, doi: 10.1016/j.inffus.2019.05.004.
- [11] Y. Wu *et al.*, "Large scale incremental learning," *Proc. IEEE Comput. Soc. Conf.*

- Comput. Vis. Pattern Recognit.*, vol. 2019-June, pp. 374–382, 2019, doi: 10.1109/CVPR.2019.00046.
- [12] A. Mosavi, S. Shamshirband, E. Salwana, K. wing Chau, and J. H. M. Tah, “Prediction of multi-inputs bubble column reactor using a novel hybrid model of computational fluid dynamics and machine learning,” *Eng. Appl. Comput. Fluid Mech.*, vol. 13, no. 1, pp. 482–492, 2019, doi: 10.1080/19942060.2019.1613448.
 - [13] V. Palanisamy and R. Thirunavukarasu, “Implications of big data analytics in developing healthcare frameworks – A review,” *J. King Saud Univ. - Comput. Inf. Sci.*, vol. 31, no. 4, pp. 415–425, 2019, doi: 10.1016/j.jksuci.2017.12.007.
 - [14] J. Sadowski, “When data is capital: Datafication, accumulation, and extraction,” *Big Data Soc.*, vol. 6, no. 1, pp. 1–12, 2019, doi: 10.1177/2053951718820549.
 - [15] J. R. Saura, B. R. Herraiez, and A. Reyes-Menendez, “Comparing a traditional approach for financial brand communication analysis with a big data analytics technique,” *IEEE Access*, vol. 7, pp. 37100–37108, 2019, doi: 10.1109/ACCESS.2019.2905301.
 - [16] D. Nallaperuma *et al.*, “Online Incremental Machine Learning Platform for Big Data-Driven Smart Traffic Management,” *IEEE Trans. Intell. Transp. Syst.*, vol. 20, no. 12, pp. 4679–4690, 2019, doi: 10.1109/TITS.2019.2924883.
 - [17] S. Schulz, M. Becker, M. R. Groseclose, S. Schadt, and C. Hopf, “Advanced MALDI mass spectrometry imaging in pharmaceutical research and drug development,” *Curr. Opin. Biotechnol.*, vol. 55, pp. 51–59, 2019, doi: 10.1016/j.copbio.2018.08.003.
 - [18] C. Shang and F. You, “Data Analytics and Machine Learning for Smart Process Manufacturing: Recent Advances and Perspectives in the Big Data Era,” *Engineering*, vol. 5, no. 6, pp. 1010–1016, 2019, doi: 10.1016/j.eng.2019.01.019.
 - [19] Y. Yu, M. Li, L. Liu, Y. Li, and J. Wang, “Clinical big data and deep learning: Applications, challenges, and future outlooks,” *Big Data Min. Anal.*, vol. 2, no. 4, pp. 288–305, 2019, doi: 10.26599/BDMA.2019.9020007.
 - [20] M. Huang, W. Liu, T. Wang, H. Song, X. Li, and A. Liu, “A queuing delay utilization scheme for on-path service aggregation in services-oriented computing networks,” *IEEE Access*, vol. 7, pp. 23816–23833, 2019, doi: 10.1109/ACCESS.2019.2899402.
 - [21] G. Xu, Y. Shi, X. Sun, and W. Shen, “Internet of things in marine environment monitoring: A review,” *Sensors (Switzerland)*, vol. 19, no. 7, pp. 1–21, 2019, doi: 10.3390/s19071711.
 - [22] M. Aqib, R. Mehmood, A. Alzahrani, I. Katib, A. Albeshri, and S. M. Altowaijri, *Smarter traffic prediction using big data, in-memory computing, deep learning and gpus*, vol. 19, no. 9. 2019.
 - [23] S. Leonelli and N. Tempini, *Data Journeys in the Sciences*. 2020.
 - [24] N. Stylos and J. Zwiegelaar, *Big Data as a Game Changer: How Does It Shape Business Intelligence Within a Tourism and Hospitality Industry Context?* 2019.
 - [25] Q. Song, H. Ge, J. Caverlee, and X. Hu, “Tensor completion algorithms in big data analytics,” *arXiv*, vol. 13, no. 1, 2017.