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# **Advances In Intelligent Signal Processing And Data Mining Theory And Applications Studies In Computational Intelligence**

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## **Artificial intelligence - Wikipedia**

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*agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to ...*

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## **Artificial Intelligence in Civil Engineering**

*Artificial intelligence is a branch of computer science,  
involved in the research, design, and application of  
intelligent computer. Traditional methods for modeling  
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intelligence-based solutions can often provide valuable  
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### **Journal of Intelligent Systems - De Gruyter**

*1/9/1991 · The data mining technique has been applied to various fields. The complexity and execution time are the major factors viewed in existing data mining techniques. With the rapid development of database technology, many data storage increases, and data mining technology has become more and more important and expanded to various fields in recent years.*

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*In this class we will give a broad overview of data analysis techniques, covering techniques from data mining, machine learning and signal processing. Students will also learn about probabilistic representations, how to conduct an empirical study and support empirical hypotheses through statistical tests, and visualize the results.*

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*21/4/2016 · A new Ensemble Empirical Mode Decomposition (EEMD) is presented. This new approach consists of sifting an ensemble of white noise-added signal (data) and treats the mean as the final true result. F...*

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in the literature for diagnosis of Alzheimer's disease (AD)  
in the early stages, among which the graph-based  
methods have been more popular, because of their  
capability to utilize the relational information among ...*

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*13/3/2020 · Artificial intelligence in health care. Among  
the existing analytical tools artificial intelligence (AI)  
has been identified as the most powerful and promising  
for mankind (Silver et al., 2017).AI is the output from the  
input resource: big data that ...*

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*18/10/2021 · Machine Learning and Data Mining  
Applications in Power Systems ... 28 October 2021)  
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Electric Power Systems (Deadline: 29 October 2021)  
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