

Invited Speaker

Big Data Issues and Challenges

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Abstract: Nowadays, the immense use of computers in daily life leads to the creation of big data. Big data is a collection of vast data stored together and its term is used to describe the exponential growth of structured and unstructured data. Big data has three characteristics: *volume*, *velocity*, and *variety*. Such data can be found in many places, such as personal computers, universities archives, news archives, and textual documents. The most tremendous growth of these data can be found in social media. Social media technologies provide many different forms of presenting information, such as in magazines, Internet forums, weblogs, social blogs, micro-blogging, wikis, social networks, podcasts, photographs or pictures, videos, rating, and social bookmarking. Several attempts have been conducted to deal with massive data in social media, such as news extraction, aggregation, clustering, news topic detection and tracking, and social network analysis. Additional technologies, such as massive parallel-processing databases, distributed file systems, and cloud computing technologies, have been introduced to manage big data. However, these methods face the challenges of extracting, transformation, integrating, sorting, and manipulating data. The visualization of social media data is not feasible. However, realizing and understanding the events that occur in society is important to users. Therefore, in this talk will summarize the issues and challenges of big data.



Biography: Dr. Wael Yafooz is associate professor in information technology department at al-madinah international university (Malaysia). He is a dean of faculty of computer and information technology. He received his bachelor degree and Master of Science in Computer Science from Egypt and university of MARA Technology (UiTM) - Malaysia. During his studies in the Malaysia, he was awarded Gold and silver Medals for his contribution in innovation and invention in area of computer science from internationals expo. He chair and member of committees of many international conferences. He received his PhD in Computer Science in 2014 from the University of MARA Technology (UiTM). Her research interest includes big data, data mining, databases and data management

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