



پژوهشگاه دانش‌های بنیادی
پژوهشکده علوم کامپیوتر

سخنرانی علمی

Data Variety Aware Approaches for Big Data Processing

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Abstract

Data Variety is one of the most important features of Big Data. Data Variety is caused by the collection of data from different types and different sources. Also, Data Variety causes some issues in Big Data processing. In this type of processing, due to the uneven distribution of input data, the sampling technique is very important for approximate processing and resource allocation. Due to the differences between data parts, the order of processing has an impact on the speed of generating the result. The performance of processing machines differs based on the contents of the different data parts. I'm looking for appropriate solutions based on the topics discussed above. In each of the above issues, I managed to solve the problem and provide a suitable solution for users and cloud service providers. In this talk, I will talk about these issues and the solutions offered to them.

Biography

Hossein Ahmadvand, is currently graduated with PhD of Computer Engineering from Sharif University of Technology. He earned Masters and Bachelors in Computer Engineering from the Sharif University of Technology and Khajeh Nasir Toosi University of Technology, respectively. His research interests include customized Big Data Processing, Cloud Computing, Edge Computing and Approximation.

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