Changes in the Information Technology Field: A Survey of Current Technologies and Future Importance

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Abstract

The constantly changing nature of the information technology field can make it challenging for professionals to remain current. This study attempts to address this issue by analyzing the importance of current technologies across organizations as well as anticipated change going forward. A survey designed with a panel of information technology professionals was distributed to evaluate technologies in the areas of database, programming languages, networking/communication, cloud computing and operating systems. The results from the survey are then compared to prior studies evaluating the same areas from the past 15 years (surveys from 2003, 2008 and 2013). Results suggest a move toward more open source technologies, virtualization and cloud computing.

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