**ABSTRACT**

Digital Transformation and emerging technologies will enable everything “smart” like cities, agriculture, cars, health, etc. in the future. This requires the massive deployment of Internet of Things (IoT) sensors along with the edge/cloud computing. The Internet of Things (IoT) and the success of rich cloud services have pushed the horizon of a new computing paradigm, edge computing, which calls for processing the data at the edge of the network. Edge computing has the potential to address the concerns of response time requirement, battery life constraint, bandwidth cost saving, as well as data safety and privacy. In this, we introduce the deﬁnition of edge computing, followed by several case studies. Finally, we present several challenges and opportunities in the ﬁeld of edge computing, and hope this will gain attention from the community and inspire more research in this direction.

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