

## **Future of Computing: From Core to Edge Computing,**

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**Abstract:** We are living in the era of Cloud Computing where most of data we produce or consume goes to or emanates from data centers, which are the backbone of Cloud Computing. Cloud Computing enabled major mega trends in computing such as Deep Learning. As a natural evolution of Cloud Computing, we are starting to move more computing back to the edge of the network to complement Cloud Computing. By moving some portion of the computing to the edge, it is possible to enable better response time and reduced data overload while offering enhanced privacy and lower power dissipation. This new paradigm shift in computing called Edge Computing is addressing applications where real-time processing of data is required. Prominent current and future applications of Edge Computing include gaming, AR/VR, Robotics, Drones, Autonomous Driving, Security, Camera, Health Monitoring and Industrial IoT.