

# Role of AI in 5G and 6G Technologies

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**Abstract:** *Artificial intelligence (AI) is key technology in enabling and enhancing the performance of 5G and 6G networks. AI will be playing a crucial role as a facilitator and catalyst in the advancement of 5G and 6G networks, it has potential to increase network performance, enhance user experience and optimizing costs. AI and 5G/6G combinations are most disruptive technologies that expected to change the entire ecosystem*

**Keywords:** Artificial intelligence, 5G, 6G, disruptive, catalyst, AI-native