



Explainable Edge AI: A Futuristic Computing Perspective pp 161–181

[Home](#) > [Explainable Edge AI: A Futuristic Comput...](#) > Chapter

A Deep Learning Based Target Coverage Protocol for Edge Computing Enabled Wireless Sensor Networks

[Pooja Chaturvedi](#) , [A. K. Daniel](#) & [Umesh Bodkhe](#) 

Chapter | [First Online: 11 November 2022](#)

207 Accesses

Part of the [Studies in Computational Intelligence](#) book series (SCI, volume 1072)

Abstract

The sensor networks have attracted a numerous research attention due to its diverse applications ranging from surveillance and monitoring applications. The sensor nodes are usually characterized as having scarce resources; hence energy efficient mechanisms which can enhance the resource utilization are of great significance. The integration of edge computing framework with the sensor network can aid in the data collection, dissemination and decision making.