

### What is the Cognitive IoT & Probabilistic Recovery of Incomplete Sensed Data in IoT

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## From IoT to Cognitive IoT

Cognition involves three key elements:

- Understanding
- Reasoning
- Learning

## What is cognitive IoT?

Cognitive IoT is the use of cognitive computing technologies in combination with data generated by connected devices and the actions those devices can perform.

## From IoT to Cognitive IoT

### Understanding

Being able to take in large volumes of both structured and unstructured data and derive meaning from it—that is, establish a model of concepts, entities and relationships.