

# IoT, AI i Machine Learning w zasięgu ręki

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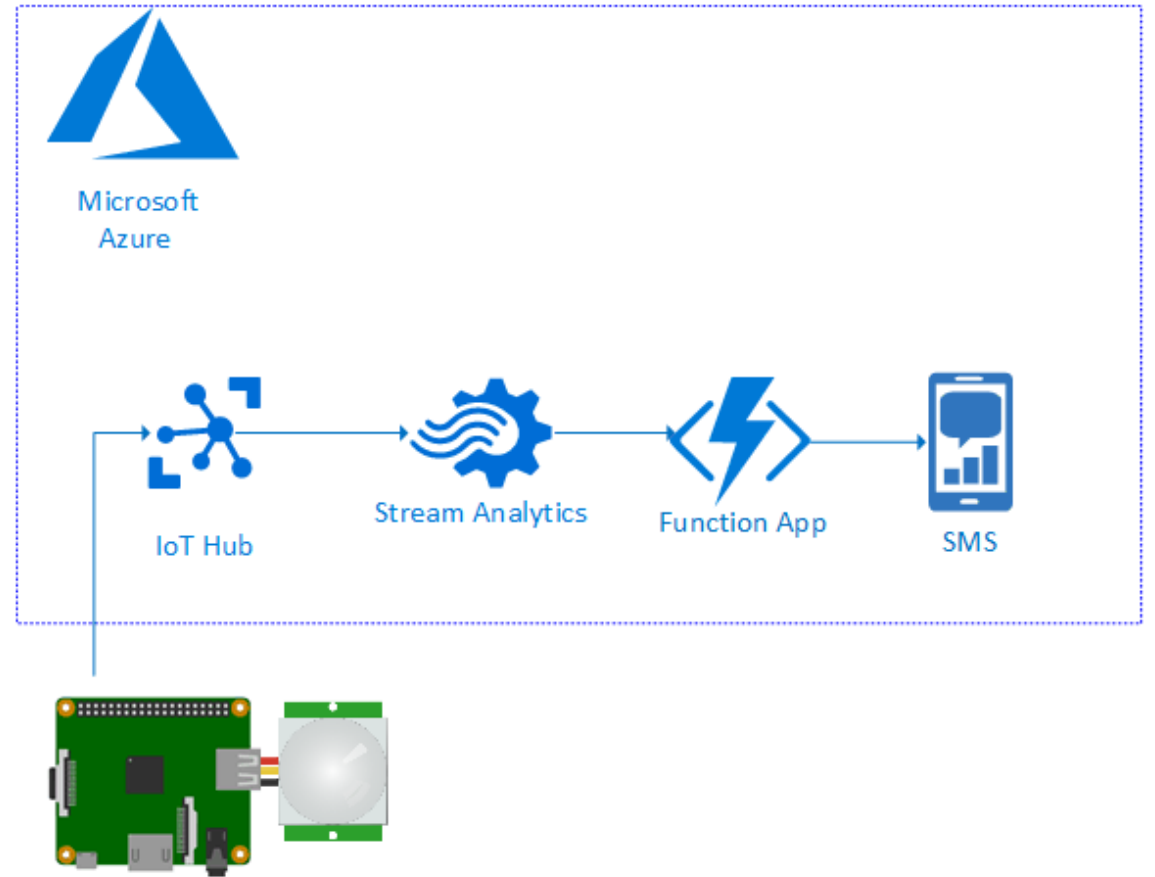
Data Scientist @ Predica

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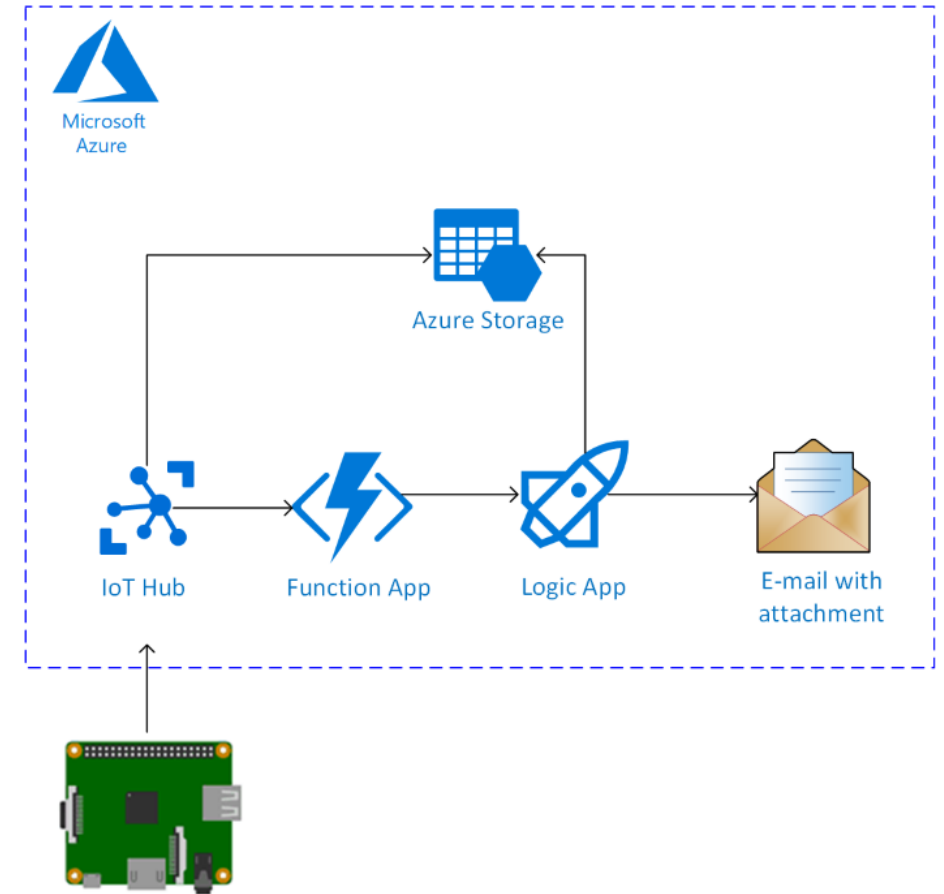
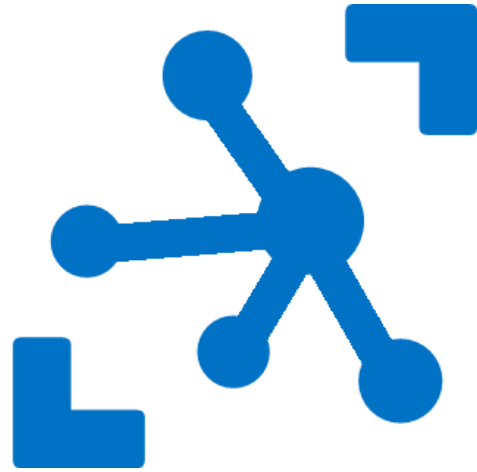
# Internet of Things (IoT)

Internet of Things (IoT) is the network of physical devices embedded with electronics, software, sensors and connectivity which enables these devices to connect to the Internet, collect and exchange data



# Microsoft Azure Service for IoT

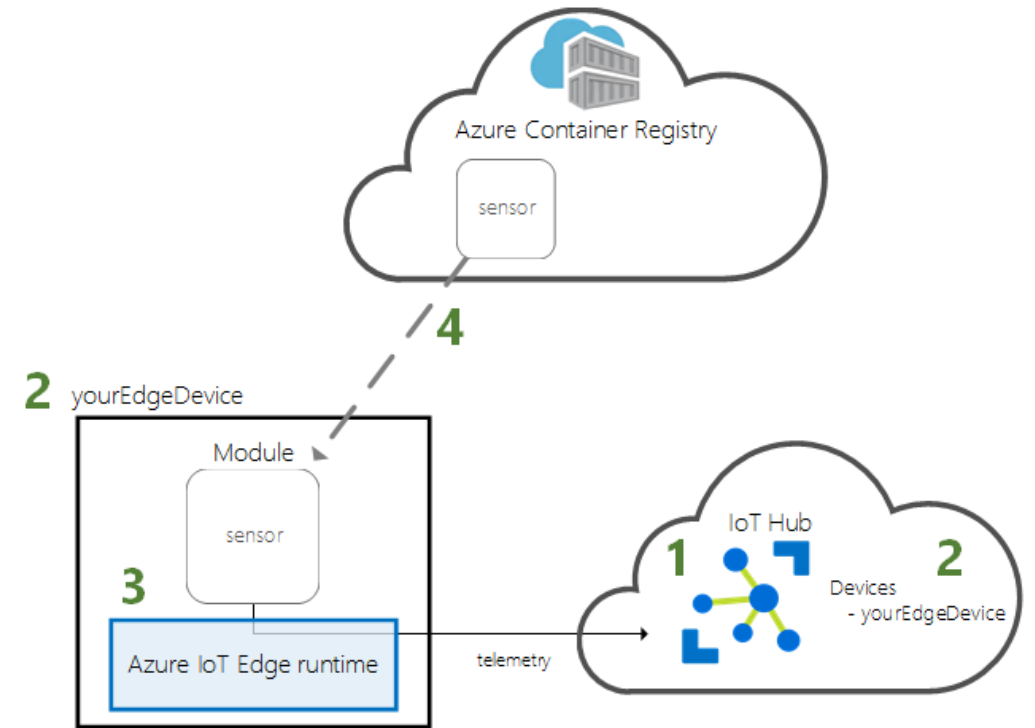
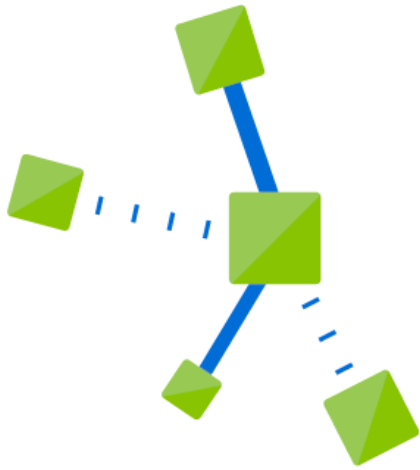
# Azure IoT Hub



Azure IoT Hub is a managed service, hosted in the Microsoft Azure cloud, which is a central hub providing bi-directional communication between the cloud and IoT devices



# Azure IoT Edge

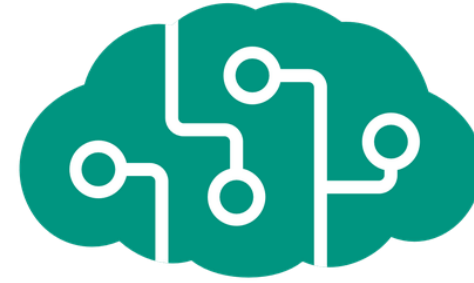


Azure IoT Edge is a solution which enables creating cloud modules (analytics and custom business logic) and running them on physical IoT devices



# Machine Learning + AI

# Azure Cognitive Services Face API



The Azure Face API is a cognitive service that provides algorithms for detecting, recognizing, and analyzing human faces in images

# All together used in the Azure Truck

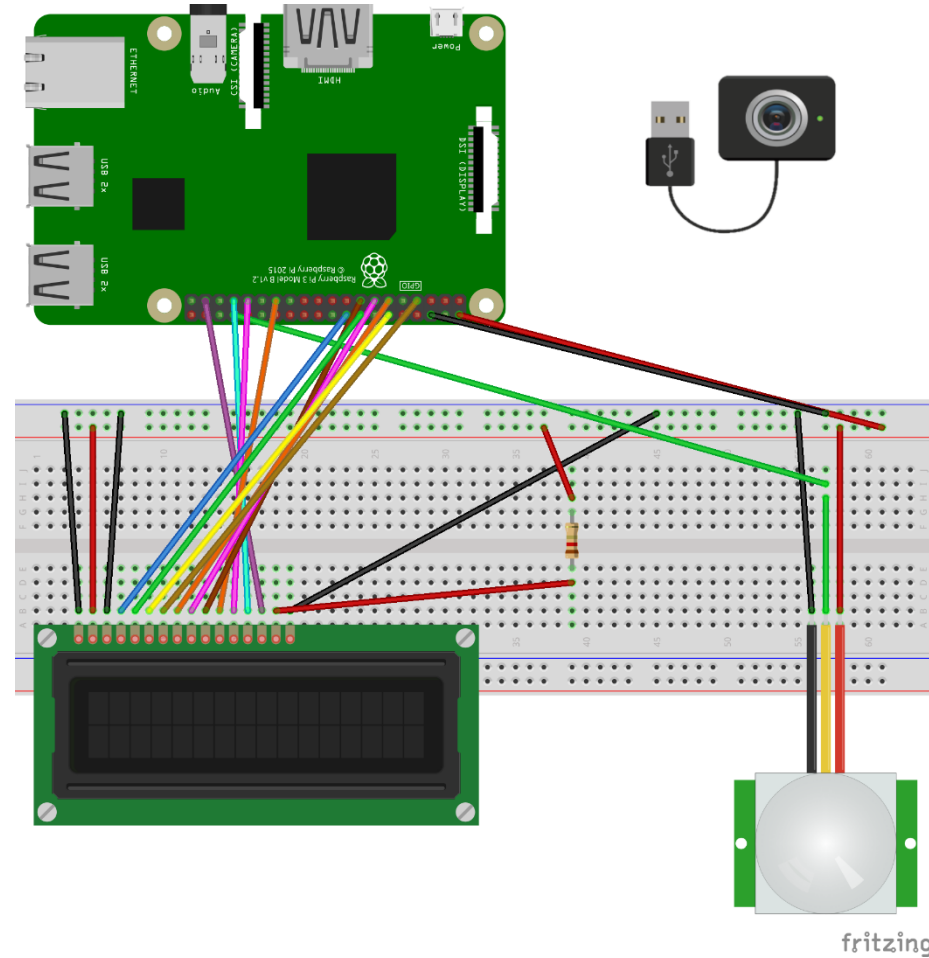


**Three IoT devices with sensors**

# MVP Detector device



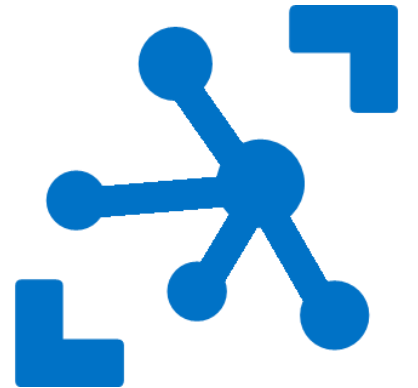
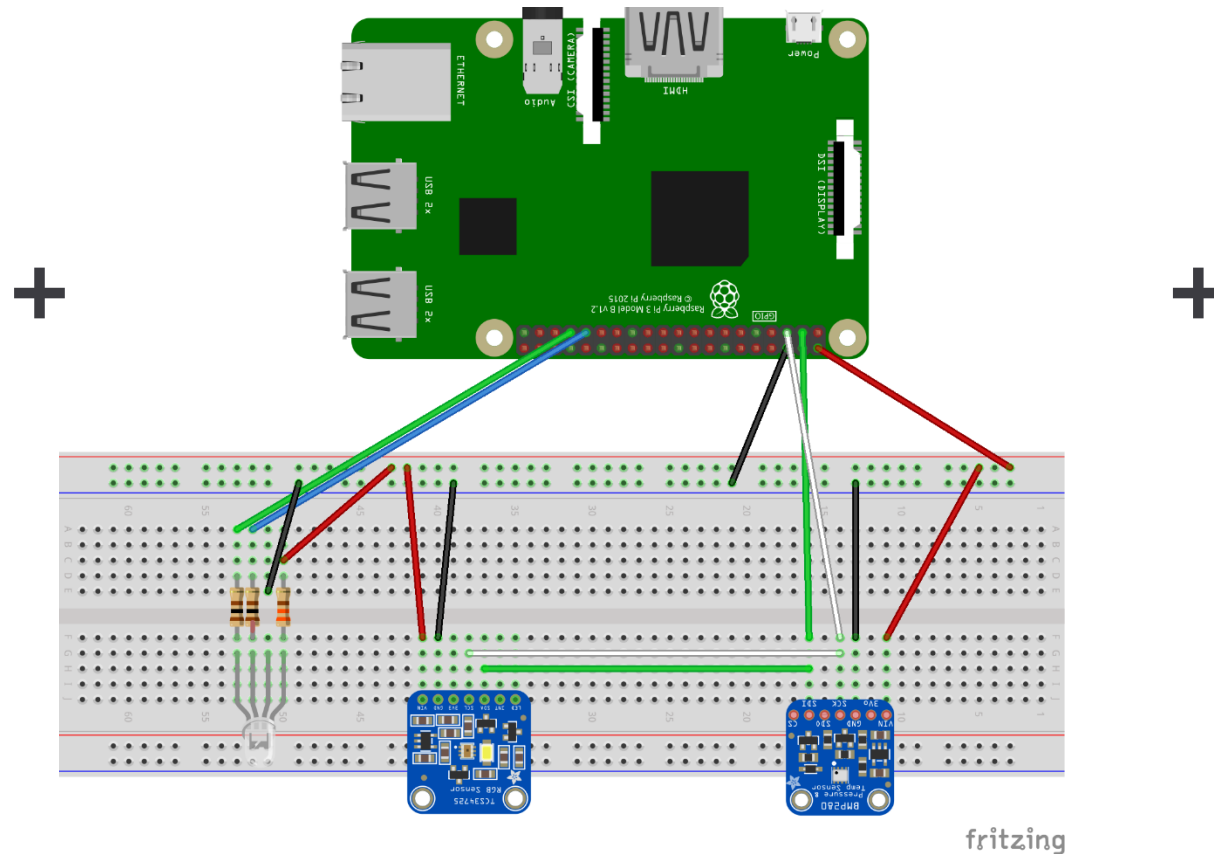
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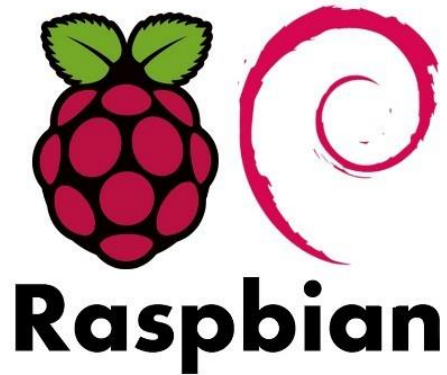
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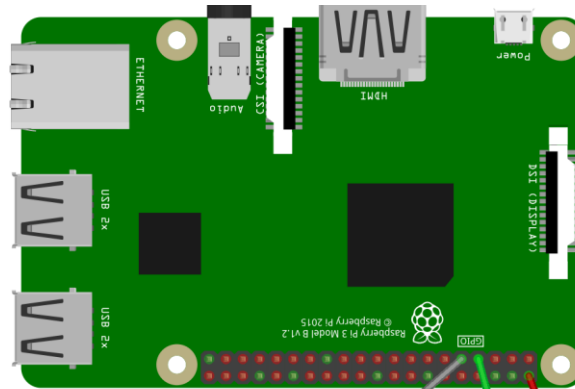
# Temperatur, pressure, altitude and color detector device



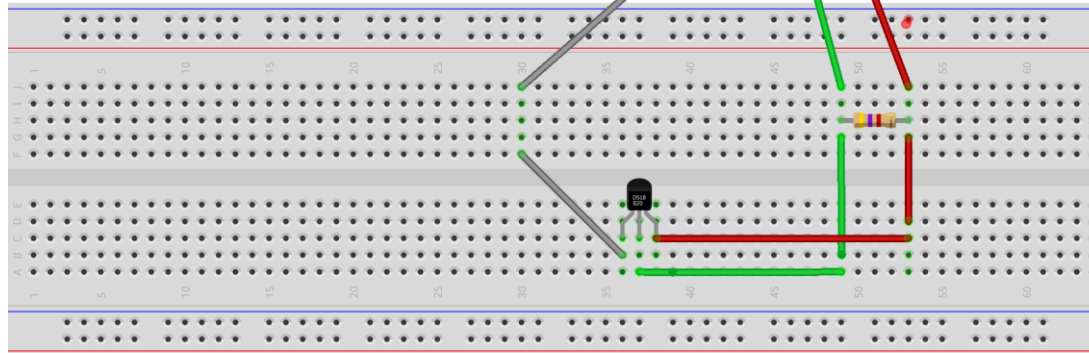
# Azure IoT Edge device



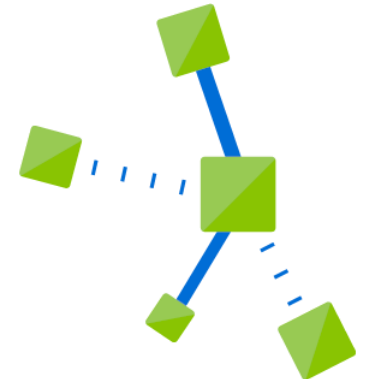
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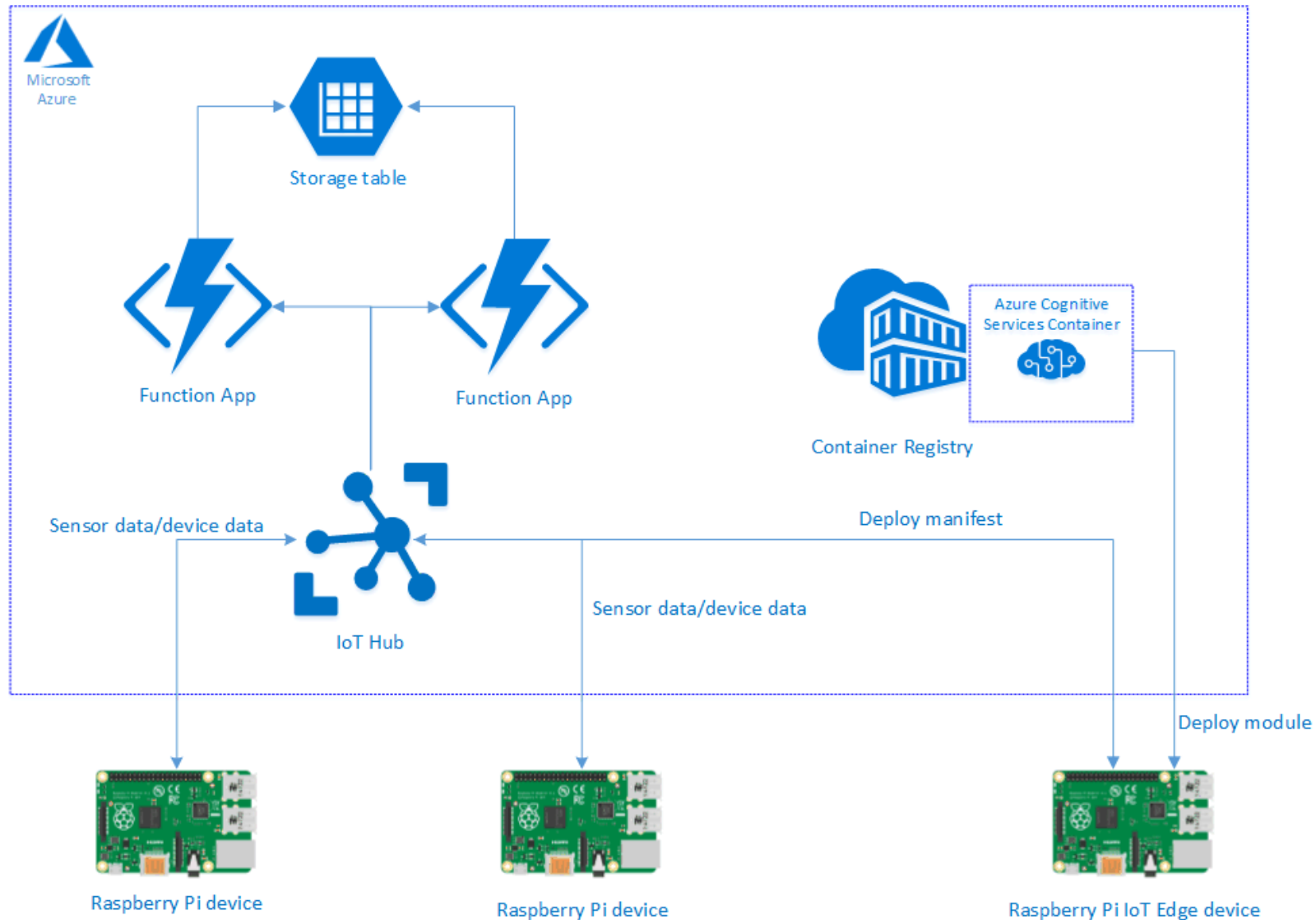


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# Solution architecture



# Demo

