



Azure IoT & Cortana Intelligence Suite

Hour 1

Azure IoT Hub

A brief overview of Microsoft's offerings for the Internet of Things.

Lab 1 – Create IoT Hub & Send Messages

Create IoT Hub using Azure Portal and send messages. Please follow the simulator documents and setup on your machine prior to the meetup if possible. Any issues we will go over during the meetup

Stream Analytics and Azure Data Lake Store overview

In this session we will discuss gathering device data on the cloud, handling streaming data and storing data.

Lab 2 – Streaming and Storing Data

In this lab you will setup stream analytics job, data lake store and streaming solution for sensor event data.

Hour 2

Visualizing Streaming Data

In this session, we will discuss Microsoft PowerBI and strategies for visualizing streaming data.

Lab 3 – Building an IoT Dashboard

In this lab, you will build a real-time dashboard from your event stream using Power BI.

Azure Data Lake Analytics Overview

A brief overview of Azure Data Lake Analytics.

Lab 4 – Write U-SQL Code to Transform Data

Transform JSON code to CSV using U-SQL and submit jobs.

Open Discussion & Wrap-up