# Azure Pathway Outline

## **Pathway Notes** (Bala, could you please describe?)

* Course prerequisites?
* How many modules?
* How many hours per module?
* Include online asynchronous discussions?
* Include cohort digital round table sessions? How often?
* Culminates with capstone project or exam?

## **Target Audience**

(Please describe)

## **Pathway Outline**

(Please fill in. The table includes 8 modules to get started, but you may delete or add as needed.)

|  |  |  |  |
| --- | --- | --- | --- |
| Module | Title | Description | SME |
| 1 | Build Commercial Ready Industrial IoT Application | Build Industry 4.0 commercial ready application that can scale |  |
| 2 | Quality Detection using Vision | Predictive Maintenance using Vision based system |  |
| 4 | Quality Detection using Audio | Predictive Maintenance using Audio based system |  |
| 5 | Autonomous Driving | Moving inventory back and forth between warehouse and line |  |
| 6 | Agent based systems | Reinforcement agent-based system to take decision to correct itself |  |
| 7 | Drive AI strategy | How to use AI Strategy in your business |  |
| 8 | Root Cause Analysis | Apply Machine learning to identify the root cause of Line or component |  |
| 9 | Intelligent Supply Chain | Use IoT/AI/ML and blockchain to create traceability and provide supply chain insights |  |
| 10 | Autonomous Drones | Using Drones to manage and monitor remote infrastructure |  |

Modules: Requirements, equipment installation

Installed equipment.

Data collection, Inferencing