



## CHALLENGE #6

### ECU-ML-02

#### Fault Domain Isolation using ML

Meet the expectations of this US Node through the technology challenge described below



### GOALS

ITOM Automation requires insights for active troubleshooting. The project aims to develop a solution that automatically identifies fault domains related to issues in order to narrow down the troubleshooting problem. This by using ML to perform Fault Domain Isolation based on historical data and training scenario data collected from multiple active beacons.

### DETAILS

The project will include developing the algorithm for FDI based on path information collected by the beacons and building one POC to collect data for the algorithm in the context of a specific (lab-based topology). Also, define the representation model for identified faults.

### SKILLS REQUIRED

Must have good knowledge of Machine Learning. Additional points would be knowledge of Networking and Python.