

CMPT 733 Big Data Programming – Final Project

Call for Project Idea

Title of the Project: Predictive Maintenance on IOT devices

Description:

With the surge of IOT devices in the market, the cost incurred on maintenance will be substantial and huge. Can we build a predictive model that can warn us of those initial glitches or abnormal running conditions that would help a company diagnose a problem before it turns into an expensive liability.

Build a streaming application considering that we are getting the data in real time from these devices.

Not also the group has to build a model, they have to serve the results using an API (Optional if time permits)

Datasets

Any public dataset with devices and its operating parameters should work. Below is an example of one such dataset.

Source:<https://www.kaggle.com/ludobenistant/predictive-maintenance-1/data>

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