1. Schema for RUL Prediction:

Schema = {‘type’: ‘object’, ‘properties’: {

‘Lifetime’: {‘type’: ‘int’},

‘Temperature’: {‘type’: ‘float’},

‘Voltage’: {‘type’: ‘float’},

‘Current’: {‘type’: ‘float’},

‘Humidity’: {‘type’: ‘float},

‘VibrationX’: {‘type’: ‘float’},

‘VibrationY’: {‘type’: ‘float’},

‘VibrationZ’: {‘type’: ‘float’}

}

1. Schema for Binary Prediction (Whether Machine is Healthy or Broken)

Schema = {‘type’: ‘object’, ‘properties’: {

‘Lifetime’: {‘type’: ‘int’},

‘Temperature’: {‘type’: ‘float’},

‘Voltage’: {‘type’: ‘float’},

‘Current’: {‘type’: ‘float’},

‘Humidity’: {‘type’: ‘float},

‘VibrationX’: {‘type’: ‘float’},

‘VibrationY’: {‘type’: ‘float’},

‘VibrationZ’: {‘type’: ‘float’},

‘Machine\_Name’: {‘type’: ‘string’}

}

1. Schema for Multiclass Prediction (Reason of Failure or Failure Model)

Schema = {‘type’: ‘object’, ‘properties’: {

‘Lifetime’: {‘type’: ‘int’},

‘Temperature’: {‘type’: ‘float’},

‘Voltage’: {‘type’: ‘float’},

‘Current’: {‘type’: ‘float’},

‘Humidity’: {‘type’: ‘float},

‘VibrationX’: {‘type’: ‘float’},

‘VibrationY’: {‘type’: ‘float’},

‘VibrationZ’: {‘type’: ‘float’},

‘Machine\_Name’: {‘type’: ‘string’}

}