

localhost:8888/notebooks/Untitled48.ipynb

jupyter Untitled48 Last Checkpoint: 20 hours ago (autosaved)

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Python 3 (ipykernel)

```
layout = [
    [sg.Text("Select Parameter: ")],
    [sg.Combo(values=list(nominal_data.columns), key='-PARAMETER-', size=(30, 1), enable_events=True)],
    [sg.Image(key='-PLOT-')],
    [sg.Output(size=(60, 10))]
]

# Create the PySimpleGUI window
window = sg.Window("Anomaly Detection System")

# Event Loop
while True:
    event, values = window.read()
    if event == sg.WINDOW_CLOSED:
        break
    elif event == '-PARAMETER-':
        selected_param = values['-PARAMETER-']
        if selected_param:
            plot_selected_param(selected_param)

window.close()
```

Anomaly Detection System

Select Parameter:

- phaseBit
- mass-dynamics
- E1FiringBit
- E2FiringBit
- E3FiringBit
- E4FiringBit
- CengFirBit - NA
- Engine1-Thrust
- Engine2-Thrust
- Engine3-Thrust

Epoch 1/5
93/93 [=====] - 2s 2ms/step - loss: nan
Epoch 2/5
93/93 [=====] - 0s 2ms/step - loss: nan
Epoch 3/5
93/93 [=====] - 0s 2ms/step - loss: nan
Epoch 4/5
93/93 [=====] - 0s 2ms/step - loss: nan
Epoch 5/5
93/93 [=====] - 0s 2ms/step - loss: nan

36°C Sunny

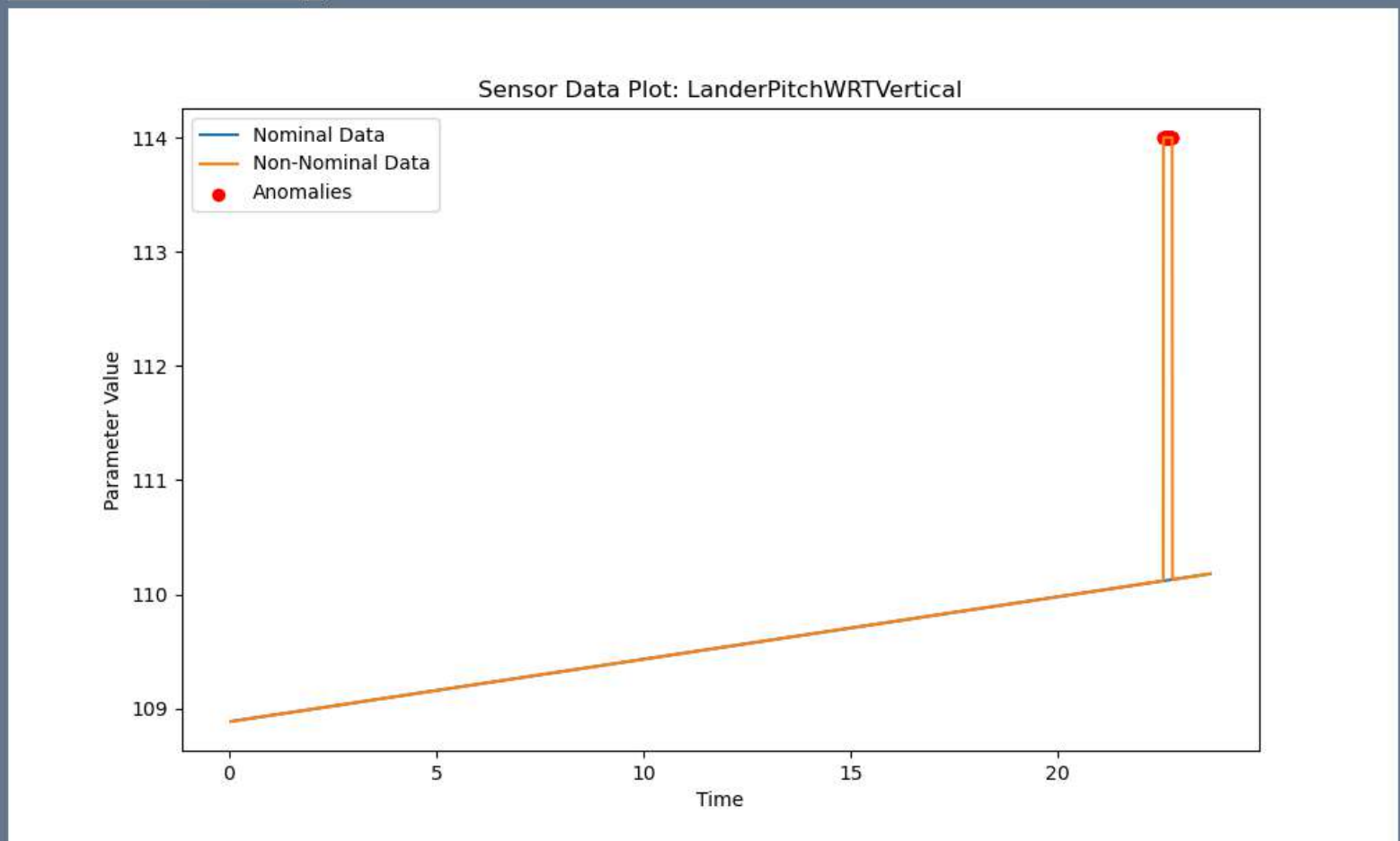
Search

ENG IN

07:16 PM 28-04-2024

Select Parameter:

LanderPitchWRTVertical



Number of values deviating beyond the threshold: 27

Top 3 anomalies (index, actual value, deviation):
Index 22.552002: Actual Value: 114.0, Deviation: 3.8809799 points
Index 22.560001: Actual Value: 114.0, Deviation: 3.8805423000000002 points
Index 22.568001: Actual Value: 114.0, Deviation: 3.8801066000000005 points