# PORTFOLIO

## in goding ABOUT/ME

IoT engineer at DENSO INNOVATIVE MANUFACTURING SOLUTION ASIA Co.,Ltd who experienced with SQL query, Python, Javascript skill programming also data visualization dashboard as Grafana and Power BI

## EXPERIENCE

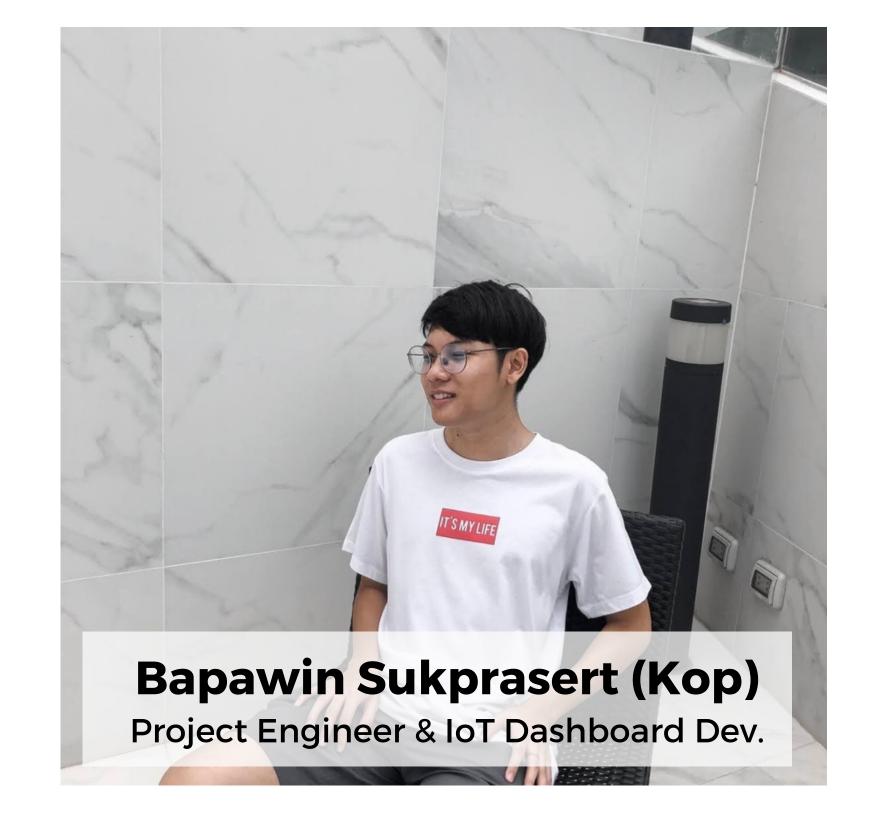
**IOT ENGINEER & IOT DASHBOARD DEVELOPER** 

Denso Innovative Manufacturing Solution Asia

June 2022 - Present

**DATA ANALYST (INTERNSHIP)** 

Denso International Asia Co.,Ltd 2021 (Internship 4 months)



2015 - 2018 Secondary School

2018 - 2022 Bachelor Degree Sang Arun School

Thai-nichi Institute of Technology Graduated in Industrial Engineering (GPA: 3.23)



Consist of 2 Grafana project and 1 Power BI project

Project

Traceability Dashboard (Grafana)

02

**Project** 

Energy Visualization Dashboard (Grafana)

03

**Project** 

Tool Life Monitoring
Dashboard (Power BI)

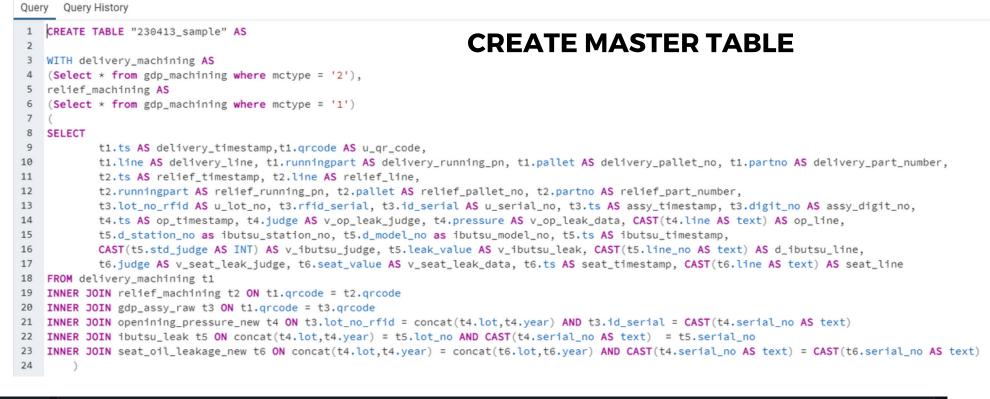
04

**Example** 

Data analysis service report

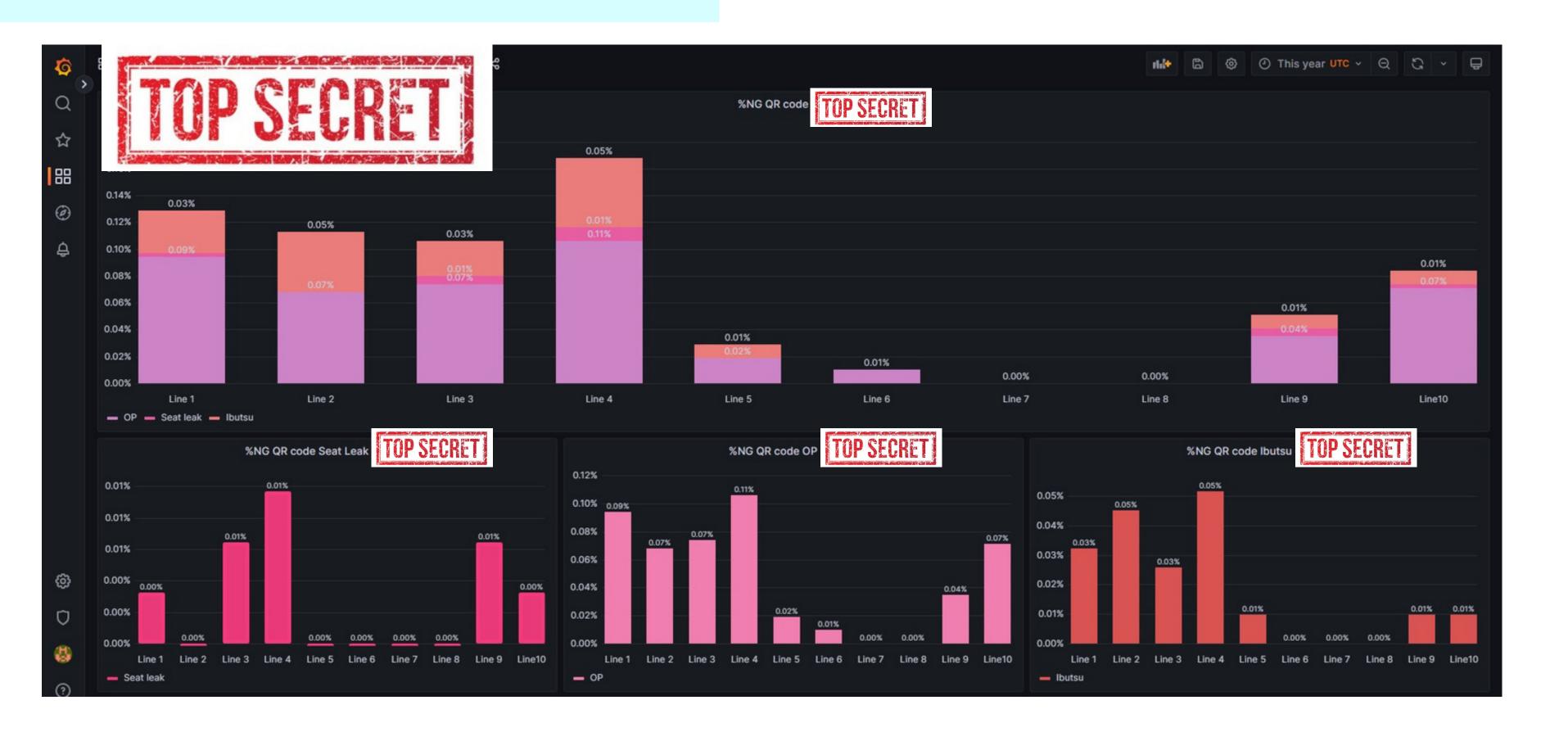
#### **PURPOSE**

Making custom dashboard for traceability not good product from machines to traceback where is the root cause of not good product (Have 5 Machine to join data in 1 line production)





Traceback from QR to check where NG come from what supplier and NG from which line



#### **PURPOSE OF ENERGY VISUALIZATION**

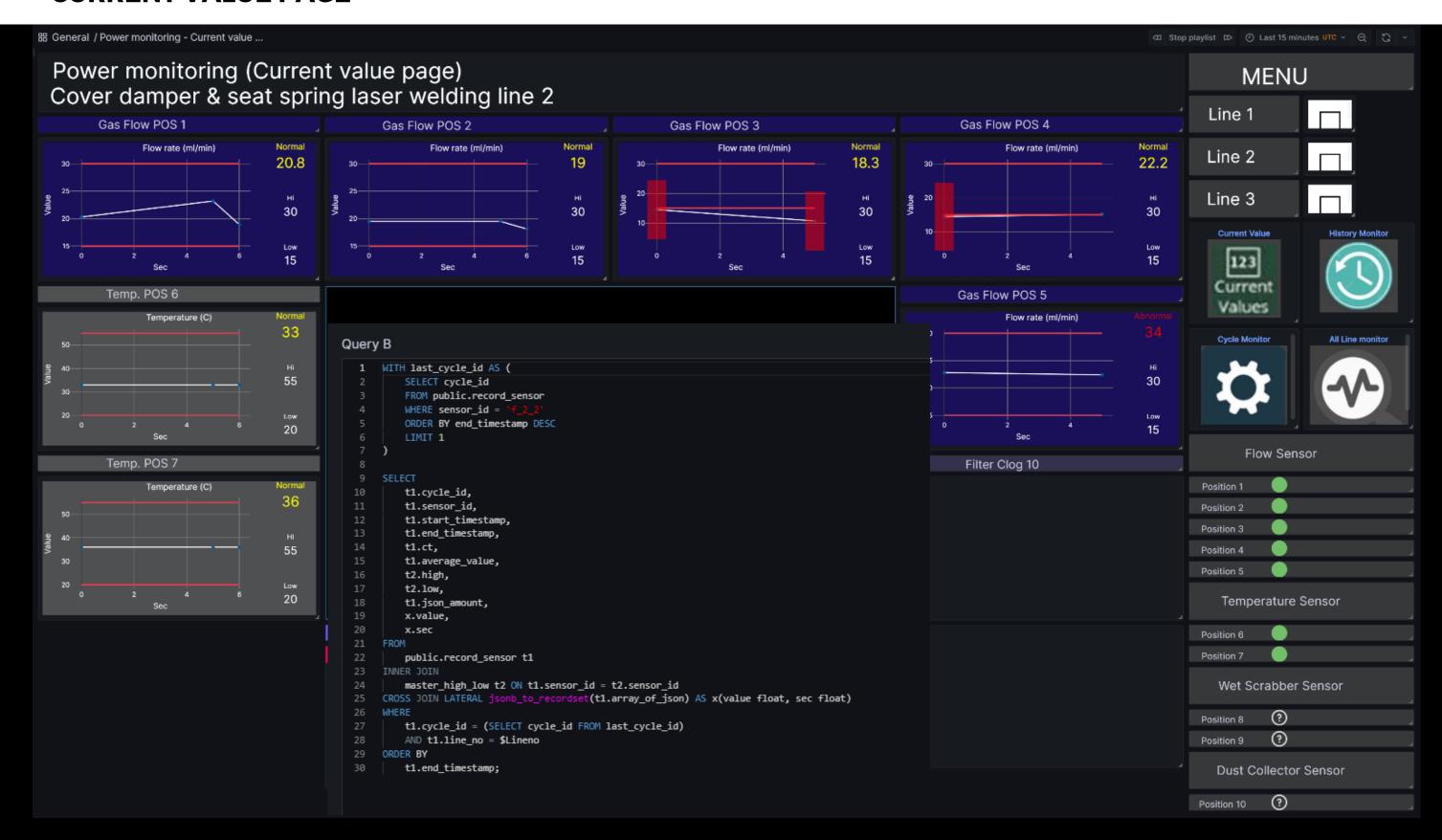
For safety action of Laser Welding machine to check flow rate, temperature, water level, pressure

#### **HISTORY MONITOR PAGE**



For monitor last value in 1 machine cycle time by extract data from last json array row in database

#### **CURRENT VALUE PAGE**

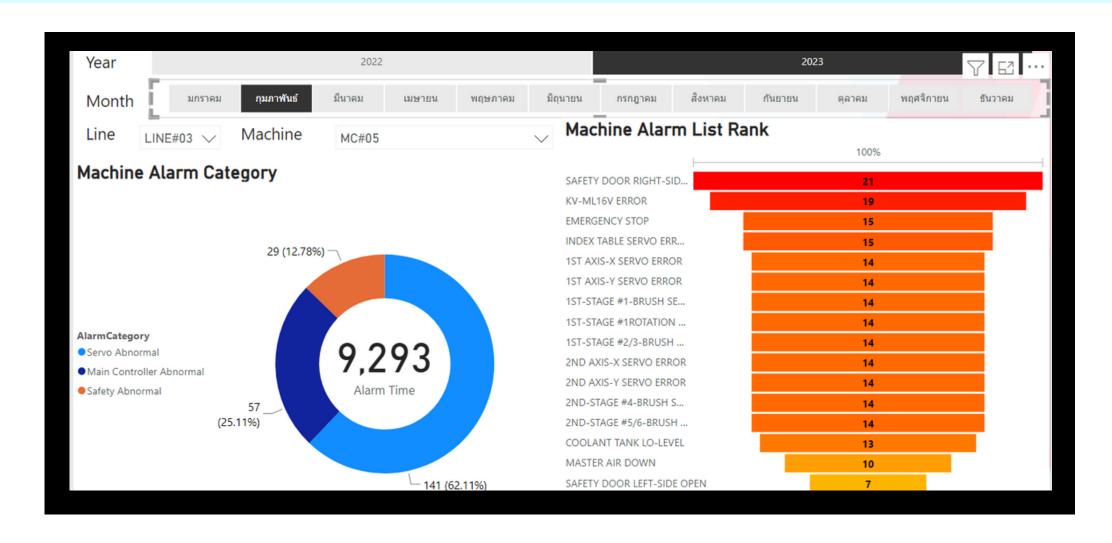


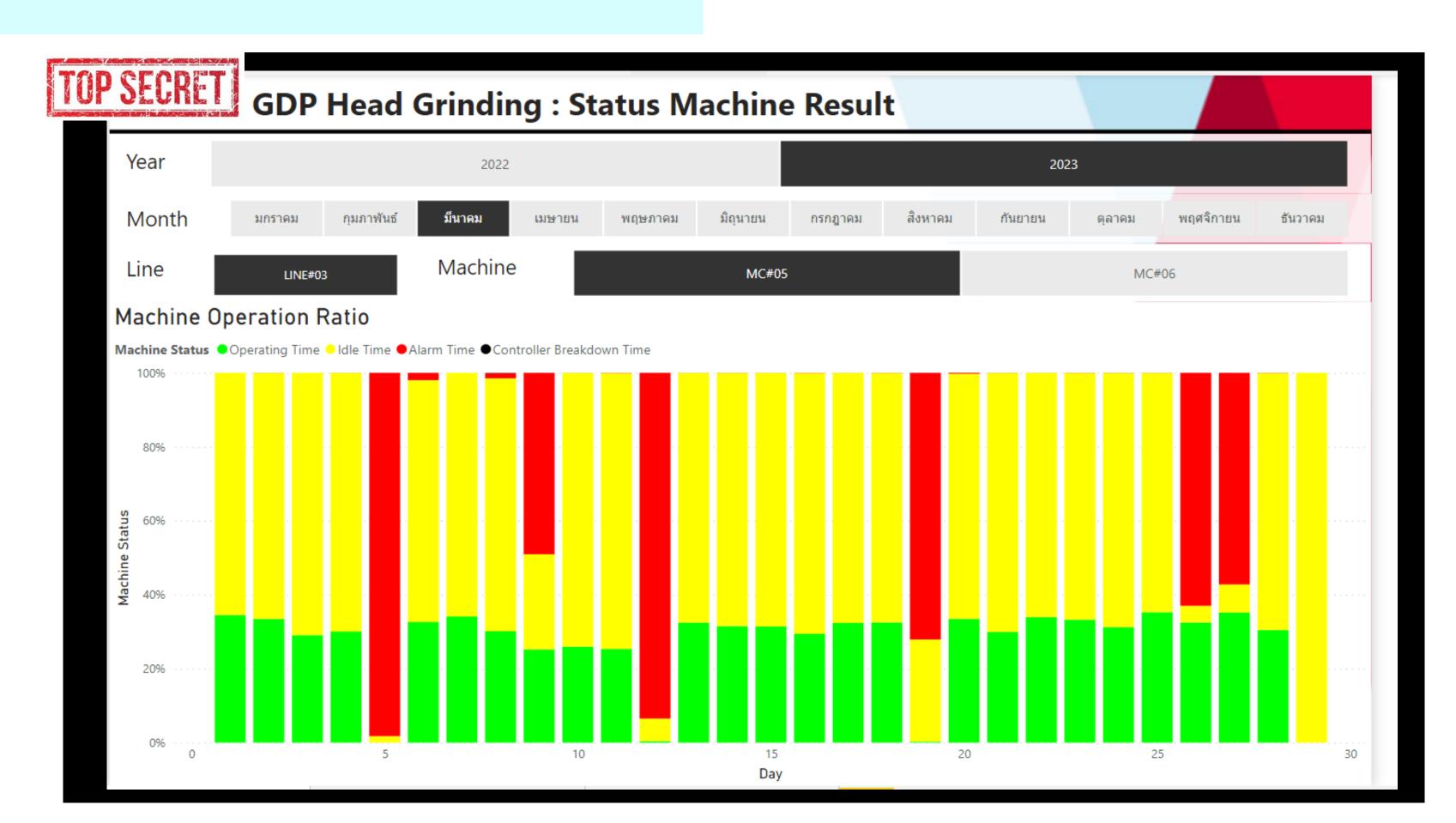


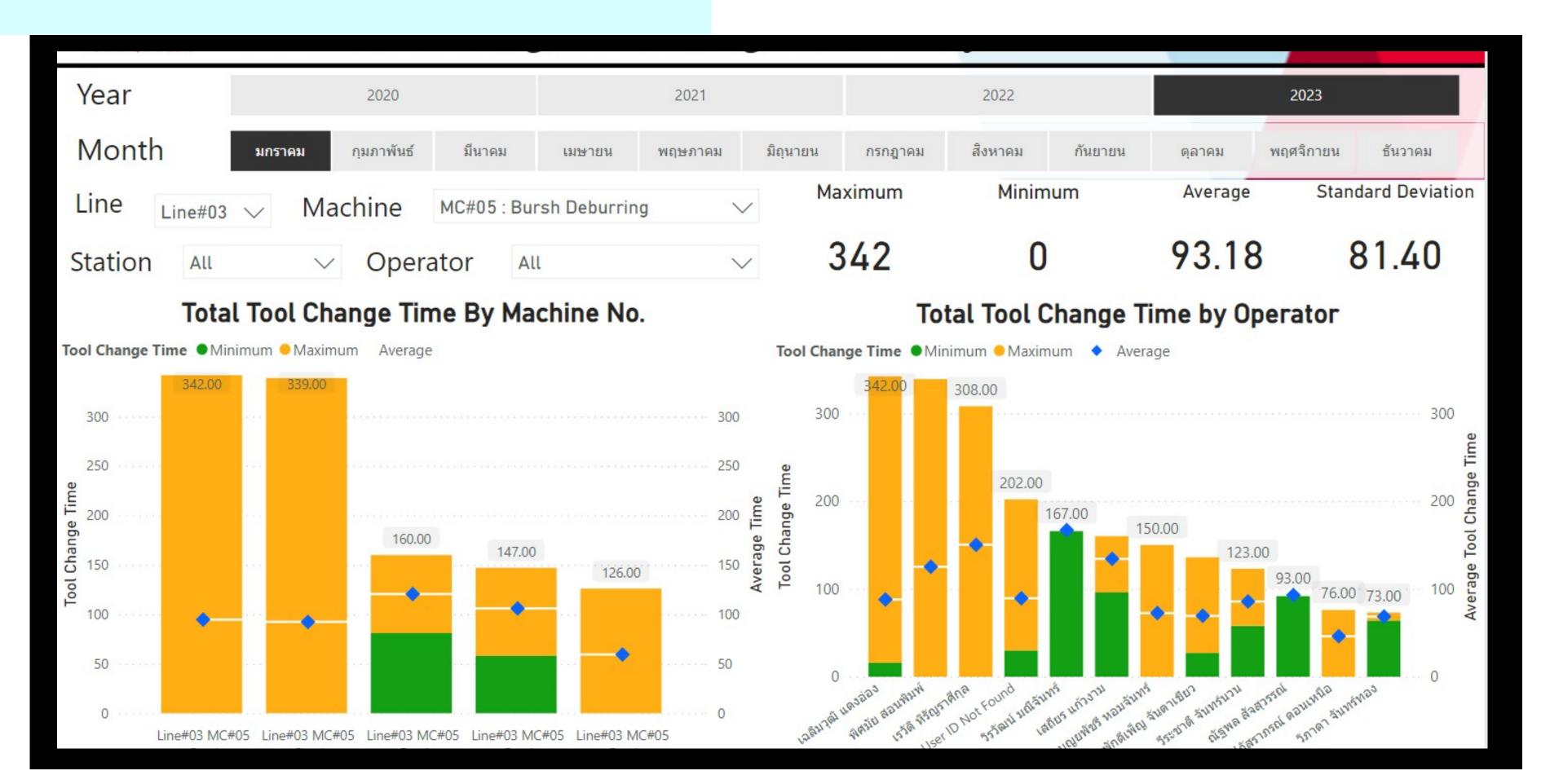
**TOOL LIFE MONITORING (POWER BI)** 

#### **PURPOSE**

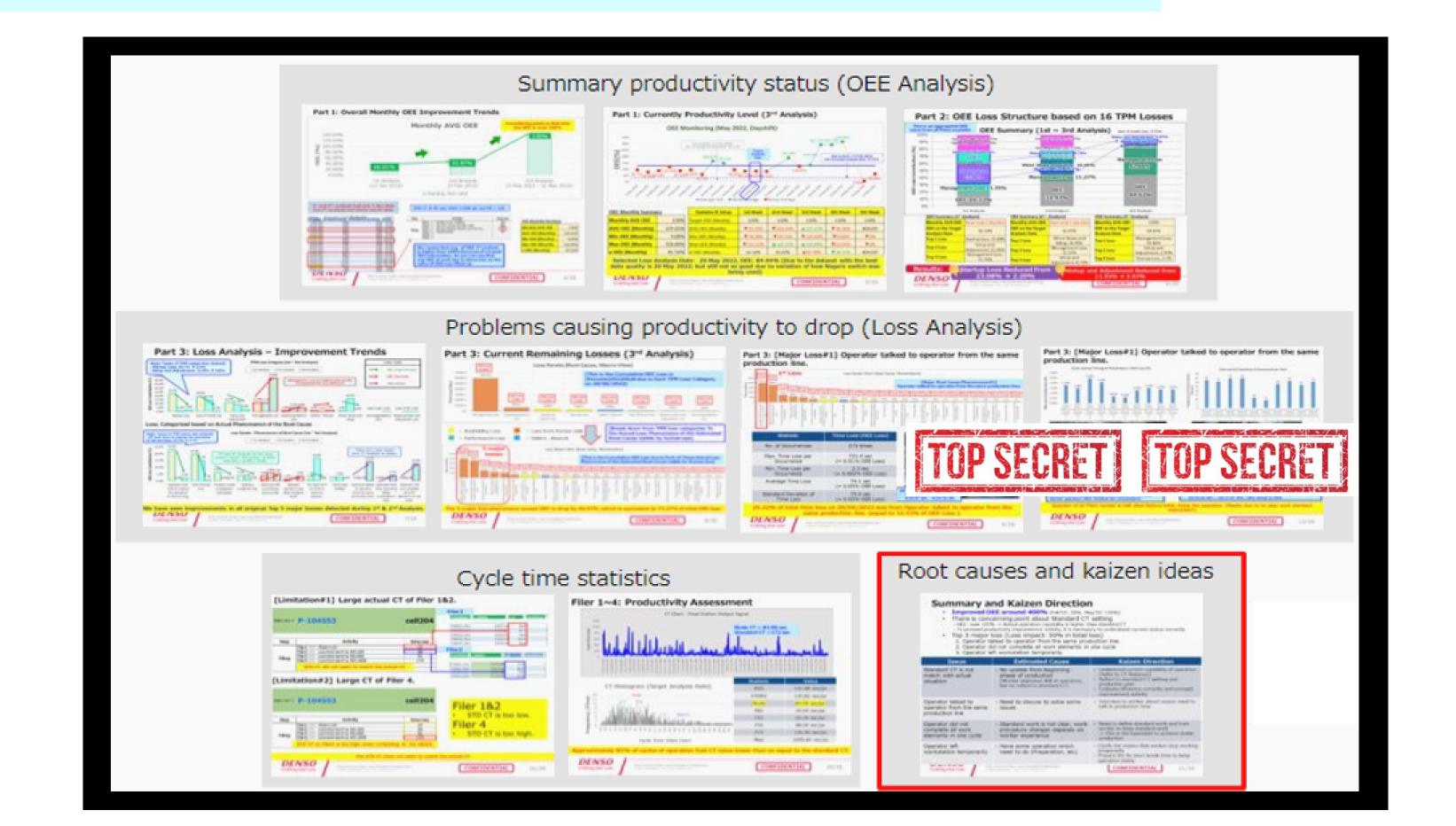
- 1) Reduce rework process due to tool is already over tool life and effect to efficiency of process part
- 2) Preventive Maintenance to Reduce loss time changing tool







## EXAMPLE DATA REPORT



## THANKS FOR WATCHING

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