

Design intelligent real time alert system for line defects to improve process yields

- ✓ Pre-built and Proven solution for Auto Aftermarket built on world-class future proof AI technology
- Developed by an experienced team of Auto,
  Data Science and Technology experts
- Minimal upfront investment of a secure SaaS product bolted on to any sales system
- Clear roadmap including predictive analytics for product lifetime expectancy and market potential
- Digilytics approach is based on voice of mechanic and understanding of how engagement should be enhanced
- ✓ Digilytics is a nimble and flexible AI technology startup with a deep focus on the Auto Aftermarket business

## The Auto Aftermarket Challenge

To improve management capability for reducing process defects:

- 1. Providing near real-time targeted alerts for defects
- 2. Provide visual analysis and alert for shop floor resolution

The production line has 7 process lines running through 13 phases. The production yield was ~85%. Quality control was a manual process resulting in unaccounted leakages in addition to the yield loss.

Management wanted to reduce manual check and introduce intelligent control systems

## **How the Product Helped**

 Create data models for data captured from different systems and frequencies

- Developed rules and recommendation procedures the alerts generated
- Designed visualization suited for maximum adoption in the shop-floor

## **Business Impact**

- An interactive Rejections Analyzer was created to provide visual alerts for process defects
- An intelligent alert system was designed to provide real time notification to defined user groups to take immediate recommended actions





