As Production Engineer, I need to ensure that the factory’s production processes run smoothly and meet the targeted Overall Equipment Efficiency (OEE) and cycle time. However, I often come across unexpected deviations that gradually impact production output.

How OptiFact helps James:

1. **Data Collection**
   James logs into OptiFact and gathers real-time data from the robots & other devices across the factory. This data is centrally collected for easier access to the information.

2. **Process Modeling and Measurement**
   With Process Modeler, James uses data to design factory processes and tracks specific parts. He notices that one step that used to take 10 seconds now takes 15 seconds.

3. **Visualization through Insights**
   James digs deeper using a dashboard from Insights app that highlights the areas of deviation. Using pre-made widgets, he quickly views KPI’s, helping him to prioritize his daily tasks efficiently.

4. **Root Cause Analysis**
   James compares data from the last few days and identifies that changes in certain variables correlate with the increase in cycle time, giving him a starting point to investigate further.

5. **Directed Investigation**
   Empowered to act, James dispatches a technician to investigate the process that seems to be causing the deviation. The technician is armed with information, making the investigation targeted & efficient.

**Benefits**

1. **Real-time Monitoring**
   Get real-time updates on production KPI’s for quicker action on any deviations.

2. **Customizable Dashboards**
   Customize dashboards to your needs with Insights and shares them with your teams.

3. **Factory Efficiency**
   Reduce the number of deviations and increase the OEE of your factory.