# INDUSTRY TALK 1: DATA ANALYTICS, INFRASTRUCTURE & SAP

Insights from PPG Malaysia Technology Center

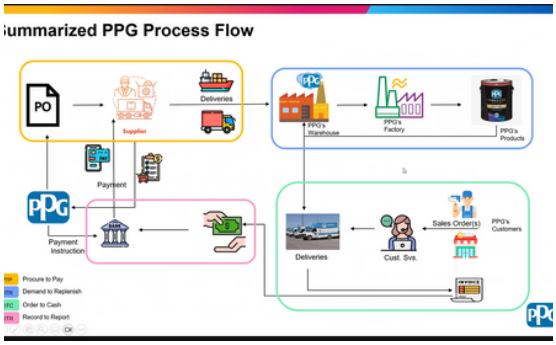
**Executive Summary: This industry talk featured PPG, a Fortune 500 leader, showcasing their digital transformation. The session covered the migration to SAP S/4HANA, the 'Plan, Build, Run' infrastructure framework, and the critical role of Data Analytics in bridging the gap between academic theory and industrial reality.**

## 1 Introduction

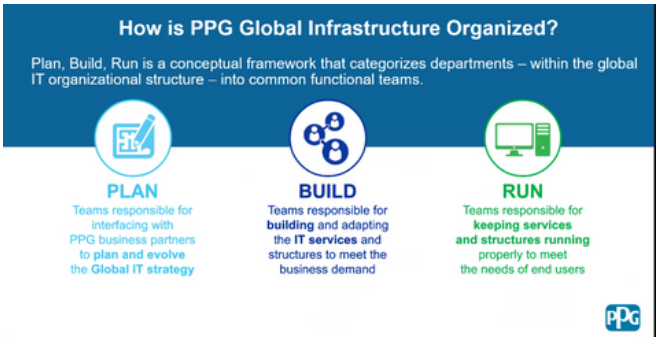
**PPG operates in 70+ countries with $15.8 billion in sales, requiring a massive IT backbone. The Malaysia Technology Center (MYTC) in Subang Jaya serves as a global hub, driving the 'Connect PPG' digitization initiative**

## 2 Content of talk

**"PPG's core business runs on SAP. The system connects the entire supply chain—linking suppliers, factories, and banks into one unified process flow."**




**"Global IT follows the 'Plan, Build, Run' framework. This ensures that IT services are strategically planned and maintained for 24/7 availability."**




## 3. REFLECTION

**"This talk changed our perspective on ICT. We learned that Integration is Key—a single system connects raw materials to final payments. The comparison between 'Academic Exercises' and 'Industry Reality' motivated us to look beyond simple coding; we must learn to handle complexity and scale to provide the agility companies need."**

| | University - Assignment | Industry - Real World System |
|---|---|---|
| Data Size | Small, clean datasets (e.g., CSV files with 1,000 rows) | Huge, messy datasets (terabytes in cloud storage) |
| Complexity | Simple Queries | Complex joins, partitioning, performance tuning |
| Execution | Run queries locally, single script | Distributed processing (Databricks, Spark) |
| Stakeholders | Individual assignment | Collaboration with data engineers, data analyst, business team |



Arnob,A23cs4038


Fares,A23cs4046


Ali,A23cs3001


Youseef,A23cs4027