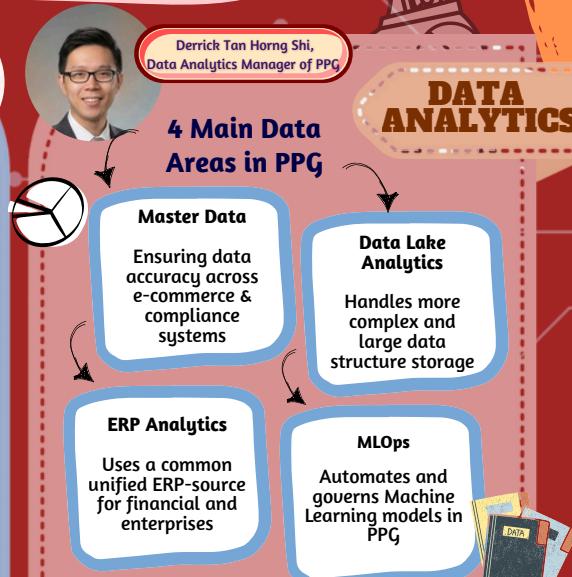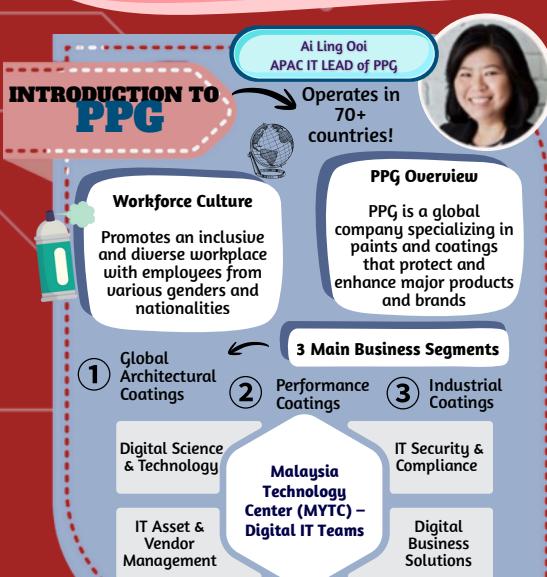# PPG INDUSTRY TALK 1
OVERVIEW OF PPG, DATA ANALYTICS, GLOBAL INFRASTRUCTURE & SAP

INTRODUCTION

Industry Talk 1 provided an opportunity for students to gain real exposure to how major IT divisions operate within a global organisation. The session featured professionals from PPG, Data Analytics, Cloud Architecture, and SAP Operations. Each speaker shared their specific role, technologies they handle, and how their department contributes to overall business efficiency. Through this talk, students were able to understand the importance of digital transformation and how various IT systems are integrated to support daily operations. This poster summarises the key insights delivered throughout the session.

EXECUTIVE SUMMARY

This talk showcased how different IT departments work together to keep a global business running. Through discussions on PPG operations, data analytics, cloud systems, and SAP solutions, the speakers shared practical examples from the industry. The talk was held to broaden our understanding of digital transformation and inspired us to build relevant skills for the future.

PPG

📍 **HYFLEX CLASSROOM N28A**

📅 **20 NOVEMBER 2025, THURSDAY**

🕐 **2.00 - 3.35 pm**

INTRODUCTION TO PPG

Ai Ling Ooi
APAC IT LEAD of PPG

Operates in 70+ countries!

Workforce Culture
Promotes an inclusive and diverse workplace with employees from various genders and nationalities

PPG Overview
PPG is a global company specializing in paints and coatings that protect and enhance major products and brands

3 Main Business Segments
1. Global Architectural Coatings
2. Performance Coatings
3. Industrial Coatings

Digital Science & Technology

IT Security & Compliance

IT Asset & Vendor Management

Malaysia Technology Center (MYTC) – Digital IT Teams

Digital Business Solutions

DATA ANALYTICS

Derrick Tan Horng Shi,
Data Analytics Manager of PPG

4 Main Data Areas in PPG

Master Data
Ensuring data accuracy across e-commerce & compliance systems

Data Lake Analytics
Handles more complex and large data structure storage

ERP Analytics
Uses a common unified ERP-source for financial and enterprises

MLOps
Automates and governs Machine Learning models in PPG

CONTENT OF TALK

Vijaykumar Dhandapani
Cloud Architecture Lead of PPG

Plan, Build, Run is a conceptual framework that categorized departments with the global IT organizational structure into common functional learns.

Plan
Responsible for interfacing with PPG business partner to plan and evolve the Global IT strategy.

Build
Responsible for building and adapting the IT services and structures to meet the business demand.

Run
Responsible for keeping services and structures running properly to meet the needs of end users.

GLOBAL INFRASTRUCTURE

SAP OVERVIEW

Patrick Thong
SAP Operations DTR Lead of PPG

SAP is an enterprise system (ERP) that companies use to manage and integrate their main business functions.

using **a modular approach** where each module focuses on a specific business domain

FUNCTIONAL MODULES
Focus on key business processes

TECHNICAL MODULES
Backend tools for developing, customising and managing the SAP system's architecture

REPORTING MODULES
BUSINESS WAREHOUSE (BW) - Data warehousing solution, part of SAP BI suite & together with SAP BO

SAP ANALYTICS CLOUD (SAC) - Cloud-native platform combining BI, planning & predictive analytics to single solution

BENEFITS OF SAP
- **STREAMLINES BUSINESS PROCESSES**
  SAP helps organise and standardise workflows so departments can operate more smoothly and efficiently
- **IMPROVES CROSS-DEPARTMENT COORDINATION**
  Since all modules are connected, teams can collaborate better and share information seamlessly

INTRODUCTION OF SAP

SAP

Functional | Technical | Reporting

SD | MM | FICO | PP | Basis | ABAP | BW | SAC

REFLECTION

NAZIRAH
From this talk, I realised that ICT is not only to have the knowledges and the skills but to solve a problem and make sure that the company can work and maintain efficiently, securely and competitively. It motivated me to enhance my abilities so that I can give benefits to world.

NG XUAN YEE
After attending this career talk, I felt inspired by how ICT professionals drive innovation and I realized that the skills I develop today can help to solve important industry challenges in the future. This talk motivated me to continue to grow my ICT abilities so that I can contribute meaningfully to the digital world.

HUMAYRA'
The industry talk opened my eyes on how PPG emphasizes on using Information Communication Technology (ICT) to execute their systems and open jobs in ICT which are crucial for the industry, such as Database Analyst or Web Developer. Hence, it encouraged me to continue building my portfolio and personal attributes towards ICT applications.

HANAN
This industry talk helped me understand how different IT systems work together in real organisations. I realised that technical skills must be supported by communication, adaptability, and teamwork. I also learned how data analytics, cloud infrastructure, and SAP play important roles in business operations. The session inspired me to explore data analytics and cloud computing further and gave me clearer direction for preparing myself for a future career in the IT industry.

NG XUAN YEE
A25CS0291

NUR NAZIRAH HANIS BINTI NAZRI
A25CS0319

NUR HANANI SAZWANI BINTI MUHAMMAD HELMI WAN
A25CS0313

HUMAYRA' BINTI ZULQARNAIN
A25CS0068