

OVERVIEW OF PPG

Data Analytics, Infrastructure & SAP



EXECUTIVE SUMMARY

The PPG Industry Talk provided an integrated view of how a global organization leverages modern technology to support its operations and strategic goals. Throughout the session, we were introduced to three major pillars of PPG's digital ecosystem which are Data Analysis, Global IT Infrastructure and SAP Enterprise Systems. These technologies work together to enable efficient decision-making, seamless connectivity and standardized business processes across regions. The talk also emphasized how PPG uses high quality data, cloud-base infrastructure and enterprise systems to drive innovation, maintain competitiveness, and support sustainability goals.

REFLECTION

From the PPG Industry talk 1, we learned that ICT is very important in helping companies like PPG run their daily work. We found out that ICT teams handle systems like SAP, cloud services, and data tools that help the business work faster and smoothly. We also learned that ICT helps companies make better decisions and stay competitive in the industry. The talk showed us that ICT is not just technical work, but it plays a big role in solving problems and supporting the whole company. Overall, we understand that ICT is essential and has a meaningful impact on how companies grow and succeed.



INTRODUCTION

The PPG Industry Talk 1 was organised for the students that taking the course SECP1513-Technology and Information System. The aim of this talk is to expose students to the real-world technology applications in global company. This session highlights major technological framework such as data analytics, IT infrastructure and SAP. The talk by experienced professionals from PPG give valuable insights on how these technologies work together. Furthermore, this talk help students to apply classroom theories in practical industrial applications other than widen their understanding in the technology field.

CONTENT OF TALK

Introduction of PPG

- PPG is a global leader in paints, coating and speciality materials.
- The purpose is to protect and beautify the world.
- PPG is a global company with ambitious 2030 sustainability targets.

Introduction to Global Infrastructure

- The operating model used by PPG is plan-build-run framework that manages IT strategy and operations.
- PPG also used cloud strategy where they use Multi-Cloud Environment such as AWS, Azure and Alibaba for flexibility and compliance.
- PPG future focus are preparing for AIOps, Zero-Trust Security and Edge Computing for secure, predictive IT services.

Data Analytics

- There are huge differences between real world industries technologies systems and practical in university.
- PPG strategy is to focus on data quality and centralisation to ensure trustworthy insight.
- The essential skills is programming skills such as Python, SQL and also visualisation tools such as Power BI to drive business decisions and efficiency.

SAP Introduction

- SAP is the world's leading provider of Enterprise Resource Planning software.
- SAP role is to creates a Source of Truth by integrating all core business functions such as finance, supply chain and more.
- Major project from PPG is to connect PPG S/4 to the modern SAP S/4 HANA platform which is the global migration.
- This Standardize Global Processes is to drive agility and competitive advantage.

GROUP 8 MEMBERS



Norjuma Nazwa binti Jamaluddin
(A25CS0299)



Nurcarmelia Aiesya binti Mohamad Sani
(A25CS0326)



Lok Jie Ying
(A24SC5023)



Nur Irdina Amira binti Muhammad Rozee
(A25CS0317)

