

Deep Down On PPG



WHAT IS PPG?

Founded in 1883, PPG has been one of the top global coatings company over 70 countries worldwide. Under the company values "We aim to improve every day", PPG has been focusing on innovation, research and developing high quality environmentally friendly paints. PPG's products have been widely used without us realizing it, from iconic buildings like KLCC towers to everyday essentials such as packaging coatings.



INTRODUCTION

The talks are meant to spread information for UTM students to know more about PPG which has a global presence in regions like Europe, China, US, APAC, and EMEA.

The purpose is to give guidance for students to know more about how global organization works and shares criteria for a student to achieve their goal and pathway in the future.



The talk showcase the organization infrastructure, understanding for PPG, SAP and Data Analytic.

SAP



SAP system is split into parts for major areas like Finance, Sales, Materials, and Production. SAP helps manage PPG's work through four main process streams: Demand to Replenish (making and supplying products), Order to Cash (sales and customer deliveries), Procure to Pay (buying and paying vendors), and Record to Report (financial accounting). The entire process flow starts with buying materials, making a finished product, taking a customer's order, delivering the product, sending an invoice, and finally receiving the payment. PPG has used SAP for a long time, and the company is now doing a large project to move from its old system to the modern SAP S/4HANA platform.

DATA ANALYTICS



At PPG, data analytics supports both strategic decisions and daily operations. PPG strengthens several key areas that improves raw material sourcing strategies, ensures efficient use of both raw materials and finished goods through better inventory health, and builds a robust framework for managing supply chain risks end to end.

PPG's analytics tools include:

- Master Data Management (MDM): keeps data clean and accurate across all operations.
- ERP Analytics: combines operational and financial insights into one system.
- Data Lake Analytics: merges data from multiple sources for advanced, company-wide analytics.
- MLOps: automates and maintains machine learning models so insights stay reliable.
- Global Marine Hull Navigator: collect real-time vessel data to build predictive models that assess fouling risk, helping customers detect issues early and improve efficiency.

INFRASTRUCTURE



PPG follows the PLAN, BUILD, and RUN framework for its global infrastructure.

They operate in four main domains which are Application Services, Cloud Center of Excellence (Cloud CoE), Workplace Services and Core Infrastructure Services

PPG uses several technologies, including VMware, AWS, Microsoft Azure, Oracle, Alibaba Cloud, and PPG Performance Hubs.

Key skills needed include Cloud Architecture, Cloud Platform Engineering, LAN/WAN networking, Servers and Virtualization, internet and Security and Database management



SUMMARY

Industry talk with PPG company have provided us with clear insight into the significant and responsibility of each sectors in building a strong firm. The presenters were explained thoroughly for each organization and sharing experiences that deepened our knowledge. They also explained how data analytics supports daily operations, supply chain decisions, and overall efficiency at PPG. The session helped us better understand the practical roles of analytics tools and how different teams use data to solve problems and improve performance.



REFLECTION



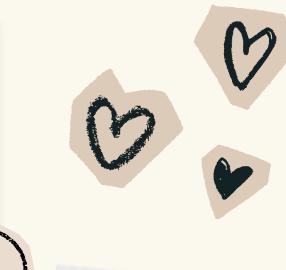
PPG talk gives an understanding on future technology trends which guide our career goals. It also shows how important Information Communication Technology (ICT) jobs are in maintaining an organization's systems. For instance, ICT is essential for implementing systems that optimize logistics, inventory management, and raw material procurement, leading to better cost control and faster delivery. Under a strong ICT foundation, an industry will achieve sustainable growth and solid security in this digital economy.



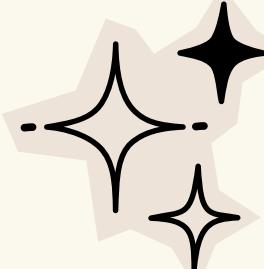
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