

PPG DIGITAL IT: MALAYSIA TECHNOLOGY CENTER

Introduction

PPG, a global leading manufacturer of paints, coatings, and specialty materials with \$15.8 billion in sales, operates in over 75 countries through various segments, including its Digital IT Center in Malaysia, which features a Supply Chain Control Tower that underscores PPG's commitment to digital solutions. The company focuses on sustainability, aiming to achieve its 2030 goals while actively supporting communities through initiatives like Colorful Communities and STEM education. PPG emphasizes a culture of partnership, continuous improvement, innovative R&D, and talent development, ensuring industry leadership and fulfilling social and environmental responsibilities.

Executive Summary

PPG explained the strategic integration of digital systems to achieve operational excellence and sustainable growth. The session provided a direct bridge that connected academic concepts of digital transformation with practical business applications. Besides, the session highlighted the requirements, the essential data analytics competencies, the strategies for global IT infrastructure, introduction of SAP integrated enterprise system and forward-looking perspective in technological evolution.

The content of talk included:

Emphasizing crucial skills needed for a **Data Analytics Center of Excellence (CoE)**, highlighting the importance of programming languages like Python and SQL, diverse data types, and database design, specifically dimensional modeling for supply chain control towers. It contrasts the simplicity of academic queries with the nuanced problem-solving obligations in the industry.

The **structure of PPG Global Infrastructure** is elaborated, underscoring the team's involvement in global IT strategy, regional infrastructure management, and architecture governance. This includes developing IT services such as applications, cloud solutions, and core infrastructure to maintain global operational service frameworks for users across Europe and the US, necessitating expertise in cloud architecture, cloud platform engineering, and internet security.

The document also examines **future IT infrastructure trends**, providing insights into potential developments. Additionally, it introduces **SAP (System Analyse Programmmentwicklung)**, discussing its advantages across various dimensions and summarizing the **SAP process flow within PPG**.

Reflection

As a team, watching the video helped us gain a clearer understanding of how IT and data analytics function in large organizations. The speakers explained the importance of skills like Python, SQL, data modeling, and supply chain analytics in solving real industry problems. We also learned about PPG Global Infrastructure and how their IT services are structured across different regions, highlighting the need for cloud expertise and strong security practices. The introduction to SAP and future technology trends was especially insightful. Overall, the video improved our knowledge, expanded our perspective, and gave us a better appreciation of how IT supports business on a global scale.



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