

PPG INDUSTRIAL TALK



INTRODUCTION



Who is PPG?

- A global leader in paints, coatings, and specialty materials with over 140 years of expertise.
- A Fortune 500 company operating in over 70 countries with \$15.8 billion in sales (2024).

Mission:

"protect and beautify the world" through innovation, sustainability, and community engagement.

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CONTENT

1. Key Technical Themes

- Data-Driven Decision Making
- Global IT Infrastructure
- Enterprise Resource Planning (ERP)

2. Business Impact and Culture

- Sustainability and Community (ESG)
- Career and Talent Development
- Global Business Segments



REFLECTION

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- Real-world IT demands a shift from small, clean academic datasets to massive, messy, enterprise-scale data in the cloud.
- Success requires not just coding (Python/Scala) but also knowledge of distributed processing (Databricks, Spark), data architecture (Star Schema), and cloud fundamentals (Azure/AWS).
- The primary goal in industry is to use technology in cloud infrastructure or data analytics to directly solve complex business problems.

EXECUTIVE SUMMARY

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GROUP MEMBER



CHEW WEN YI
A25CS5051



KAK YOU CHERN
A25CS5038



MUHAMMAD RENDY ATSARY
A24CS9003



ARMAAN SHAAN SANDEEP
KUMAR BIN ABDUL HAFIZ
A24CS8017

4

1. Focus: PPG, a global coatings leader, leverages its "MY Technology Center" (Digital IT) to drive enterprise-wide digital transformation.
2. Core Function: The center translates academic concepts into real-world business solutions across global IT, cloud infrastructure, and data analytics.
3. Takeaway for Students: Industry demands practical application, moving beyond clean, local data to manage complex, massive datasets in a multi-cloud environment to solve critical business problems.

