POSTER PPG

TOP 2 ON FORTUNE

PPG

INTRODUCTION TO PPG

PPG is a global leader in paints, coatings, and specialty materials, operating for over 140 years in more than 70 countries.
Its divided into three segments:

- Global Architecture Coatings
- Industrial Coatings
- Performance Coatings

GLOBAL INFRASTRUCTURE

PPG's infrastructure is managed through a regional structure covering EMEA, APAC, and the Americas to ensure efficient design governance. The technical foundation is based on a multi-cloud architecture that incorporates AWS, Azure, and Alibaba Cloud. Cisco SD-WAN and powerful security layers, including Palo Alto Networks, are used to guarantee secure worldwide connectivity for enterprise operations.

INTRODUCTION TO SAP

SAP

SAP ERP follows a modular approach to support business needs. Functional modules cover finance (FI, CO), materials management (MM), sales and distribution (SD), production planning (PP), quality management (QM), and plant maintenance (PM). Technical modules like Basis, ABAP, and Process Integration (PI) handle system architecture and customization. For reporting, Business Warehouse (BW) and SAP Analytics Cloud (SAC) provide business intelligence, planning, and predictive analytics. This structure helps organizations streamline processes and gain insights effectively.

DATA ANALYTICS

Master Data
-Focus on managing core business data across , e-commerce and compliance

ERP Analytics
-is single source operational and financial analytics from ERP Systems (SAP,Oracle,IBM DB2)

Data Lake Analytics
-it is a multi-source enterprise analytics to enabling advanced models and digital maturity

MLOps
is automating and streamlining machine learning model delivery and maintenance.

ORACLE

IBM DB2

Azure Data Lake

SUMMARY AND REFLECTION

PPG is a global leader in paints and coatings, supported by SAP ERP and advanced analytics like data lakes and MLOps to streamline operations and decision-making.
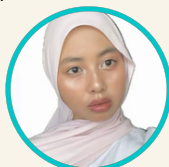
PPG's success lies in combining global scale with advanced digital infrastructure and analytics. SAP and MLOps show its commitment to automation, efficiency, and continuous improvement. The emphasis on prototypes and testing reflects adaptability and user-focused innovation. Overall, PPG demonstrates how technology and iteration drive sustainable growth and competitiveness.

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