

Data Analytics, Infrastructure & SAP

DATA ANALYTICS

Digital analytics involve using computational tools to process and interpret data for actionable insights.

Importance

- Improves decision-making
- Enhances operational efficiency
- Enables predictive analytics

Challenges

- ! Data privacy & security
- Integration with legacy systems
- Skilled workforce requirement

Developed global B2B platforms with AI for faster execution

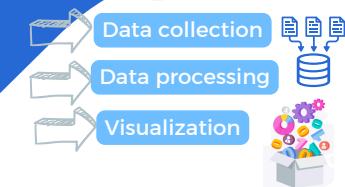
PGG's Industries Digital Strategy

- Migrated to a cloud-only ERP system, consolidating dozens of legacy systems.
- Implemented AI-driven color visualization tools for customers.

Industrial Applications

- Manufacturing quality control
- Customer behaviour analysis
- Inventory optimization
- Disease prediction

Key Components



PPG'S IT & INFRASTRUCTURE

Application services



Cloud Center of Excellence (CoE)

- Cloud strategy, adoption, security
- Backup & storage

Workplace Services

- Collaboration tools
- End user support

Core Infrastructure Services

- Network, network security
- Data center, hosting, storage, backup

BUILD

Global IT Infrastructure Framework

Regional Infrastructure Management
EMEA, APAC, USA, South America, Central America & Mexico

Architecture Governance
IT Infrastructure Architecture Design Governance

PLAN

RUN

- IT Service Desk: First Line Support, Knowledge Management
- Global Operations Center: 24x7 Monitoring
- Performance & Resolution: Monitoring, Escalation, Problem Resolution
- Site IT Support: Across EMEA, APAC, Mexico, USA

PPG Process Flow Supply Chain & Fulfillment



INTRODUCTION TO SAP

Stands for SystemAnalyse

Programmentwicklung (System Analysis
Program Development).

Founded in 1972 by 5 former IBM employees
in Walldorf, Germany.

Modular Approach

Reporting

- Business Warehouse (Data Warehousing solution)
- SAP Analytics Cloud (Cloud-native platform combining business intelligence, planning + predictive analysis into a single solution)

Functional

Key business processes

Technical

Back end tools for developing, customizing and managing the SAP system

What is ERP?

- Stands for Enterprise Resource Planning
- Software System
- Used to connect all core business processes into a unified view of activities that provide a single source of truth

SAP CoE Operations Stream

PTP (Procure to Pay)



OTC (Order to Cash)

RTR (Record to Report)

DTR (Demand to Replenish)

This career talk showed how essential ICT is in driving modern industries towards success.

We've concluded that data analytics, strong IT infrastructure, and systems like SAP help companies make better decisions, improve efficiency, and streamline business operations. ICT professionals play a meaningful role by enabling digital solutions and supporting global operations.

Thus, all business processes are ensured to run smoothly to secure the best outcome for both companies and customers.



MUHAMMAD SYAHMIL AMRI
BIN HASLIN
A25CS0283



MOHAMAD NASRIN BIN
MOHD YUSOFF
A23CS3012



WT NURUL AZWA SAFIRA
BT WT MOHD
AZRUL
A25CS0378



NURALYA SOFEA BINTI
ASHA'RI
A25CS0325