

PPG INDUSTRY TALK 1: OVERVIEW OF PPG, DATA ANALYTICS, INFRASTRUCTURE & SAP

CONTEXT

JOINT INDUSTRY TALK BY UTM & PPG, FOCUSING ON PPG'S DIGITAL PRACTICES (DATA ANALYTICS, INFRASTRUCTURE, SAP) TO BRIDGE ACADEMIC-INDUSTRY GAPS.

INTRODUCTION

PPG: 140+ YEARS OF EXPERTISE, OPERATES IN 70+ COUNTRIES, 2024 SALES OF \$15.8B

MYTC (MALAYSIA TECH CENTER): DIVERSE TEAM; 48% INTERN-TO-FTE CONVERSION; 90% IT RESOURCES ON GLOBAL PROJECTS

CONTENT OF TALK ZONE

SAP CORE MODULES

COVER 4 PROCESSES (DTR/OTC/PTP/RTR); SUPPORT S/4HANA & ECC

ROLL OUT "CONNECT PPG S/4" GLOBAL STANDARDIZED TEMPLATE

SAP TRANSFORMATION PLAN

DATA ANALYTICS TOOLS

SOLVE DATA FRAGMENTATION; USE PYTHON/DATABRICKS FOR MASSIVE DATA; TOOLS: VESSEL FOULING PREDICTOR, SUPPLY CHAIN CONTROLLER

MULTI-CLOUD INFRASTRUCTURE

AWS/AZURE/ALIBABA CLOUD (CLEAR ROLES); PLAN-BUILD-RUN FRAMEWORK + PRTG/SOLARWINDS FOR MONITORING

REFLECTION & KEY TAKEAWAYS ZONE

REFLECTION

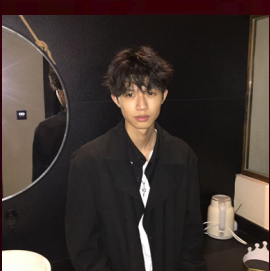
1. ANALYTICS GAP: ACADEMIA USES SMALL, CLEAN DATASETS FOR SOLO LOCAL QUERIES; PPG RELIES ON TERABYTE-SCALE MESSY CLOUD DATA, DISTRIBUTED TOOLS (DATABRICKS/SPARK) AND CROSS-TEAM COLLABORATION, REQUIRING ACADEMIC-INDUSTRY KNOWLEDGE INTEGRATION.
2. GLOBAL COLLABORATION: 90% OF MYTC IT RESOURCES SUPPORT GLOBAL PROJECTS, BUILDING CROSS-TIMEZONE/CULTURAL SKILLS; THE TEAM'S DIVERSE NATIONALITIES DRIVE INCLUSIVE, INNOVATIVE PROBLEM-SOLVING.
3. DIGITAL-BUSINESS ALIGNMENT: PPG'S MULTI-CLOUD SETUP (ALIBABA CLOUD FOR CHINA'S SENSITIVE DATA, AZURE FOR CLOUD-NATIVE APPS) BALANCES SECURITY/PERFORMANCE; ITS SAP GLOBAL TEMPLATE FIXES SYSTEM FRAGMENTATION TO ALIGN TECH WITH BUSINESS GOALS.

KEY TAKEAWAYS

1. CORE TECH
 - ANALYTICS: PROFICIENT IN PYTHON/SCALA/SQL, AZURE TOOLS, POWER BI AND DEVOPS FOR STABLE WORKFLOWS.
 - MULTI-CLOUD: HYBRID CLOUD (AWS/AZURE/ETC.) MANAGED VIA "PLAN-BUILD-RUN" WITH 24/7 MONITORING.
 - SAP: COVERS 4 CORE PROCESSES; CONNECT PROJECT IMPROVES PROCESS STANDARDIZATION.
 2. PRACTICAL TIPS
 - ANALYTICS: STRENGTHEN CROSS-TEAM COLLABORATION AND DATA GOVERNANCE FOR DATA-DRIVEN DECISIONS.
 - INFRASTRUCTURE: ADOPT SCENARIO-MATCHED MULTI-CLOUD SETUPS FOR SECURITY/SCALABILITY.
 - ERP: ROLL OUT UNIFIED GLOBAL TEMPLATES TO STREAMLINE PROCESSES AND CUT COMPLEXITY.
 3. TALENT DEVELOPMENT
 - MYTC'S 48% INTERN-TO-FTE RATE COMES FROM GLOBAL PROJECTS AND MENTORSHIP.
 - GLOBAL PROJECTS BUILD EMPLOYEES' INTERNATIONAL AND CROSS-CULTURAL CAPABILITIES.
- INCLUSIVE CULTURES AND TEAM DIVERSITY BOOST ORGANIZATIONAL INNOVATION.

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