

# Overview of PPG, Data Analytics, Infrastructure, SAP



**About PPG:**  
We Protect and Beautify the World

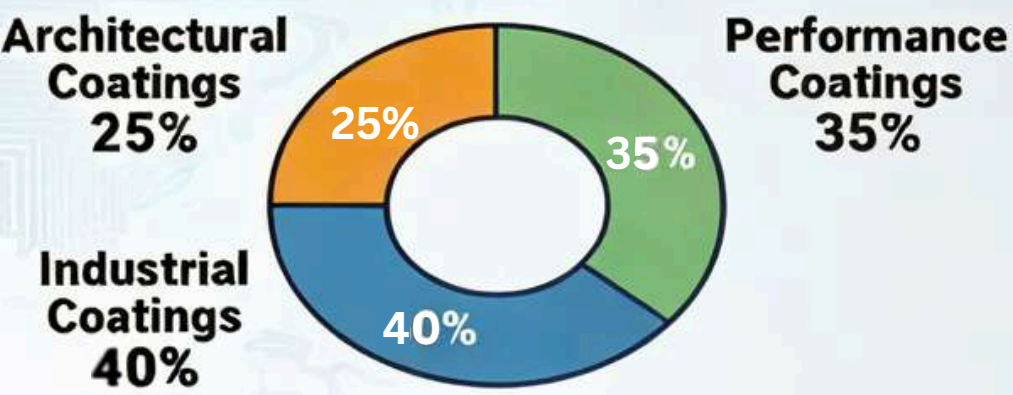


A Global Leader with a 140+ Year History: Founded in 1883, PPG operates in 70 countries with \$15.30 in annual sales.



**Products That Are All Around You:**  
Coatings are used on iconic buildings, smartphones, EV battery

**Diverse Business Segments:**



**Commitment to Sustainability and Diversity:** PPG focuses on waste reduction, safe operations, community engagement, and maintains a diverse workforce (approx. 41% female).



## Data Analytics: Driving Smart Decisions

**Making Raw Data Useful:** The Data Analytics team helps business leaders understand performance, predict future outcomes, and reduce risks.



**Use Case 1: Global Marine Hull Navigator:**  
Uses algorithms based on ship and sea data to forecast the risk of algae and barnacle buildup, helping clients save fuel.



**Use Case 2: Supply Chain Complexity Tool:**  
Tracks raw material sourcing to identify dependency risks, prevent disruptions, and support cost negotiation.



**Essential Technical Skills:**  
Expertise in BBL, data modeling, data transformation



## Global Infrastructure: The Cloud-First Foundation



**How We Work: Plan, Build, and Run:**  
Teams are structured to define business needs (Plan), create solutions (Build), and maintain 24/7 global operations (Run).



**Multi-Cloud Strategy for Global Reach:**  
PPG utilises two major cloud platforms: Azure, Google Cloud, and Alibaba Cloud



**Core Technologies Used:**  
Our toolkit includes Azure DevOps, Terraform, Python, Cisco, Palo Alto, Linux, and monitoring tools like Datadog.



**Future Trends: Automation and Security:**  
PPG is focused on using AI to spot equipment issues before they happen, Zero Trust Security, and edge computing.



## SAP: The Engine of Global Business



**What is SAP?** SAP is an Enterprise Resource Planning (ERP) system that brings together data from finance, purchasing, production, and sales.



**Key SAP Functional Areas:**  
Core processes include Order to Cash, Order to Cash



**The "Connect PPG" Transformation Journey:**  
A long-term project to migrate over 30 legacy EBPs into a single, global SAP system hosted on the AWS cloud.

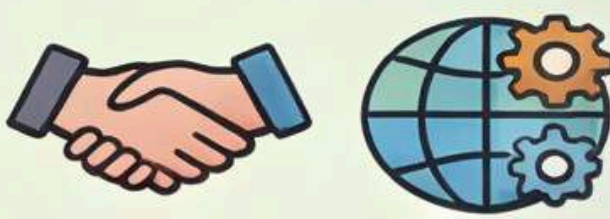
## Your Career at PPG: Internship & Growth



**175+ interns Since 2018:**  
The program has a strong track record of success and continued even during the COVID-19 pandemic.



**Nearly Half Join Us Full-Time:**  
A high percentage of interns transition into full-time roles, showing just how valuable this program is for finding future leaders.



**Work on Real, Global Projects:**  
Interns are not given curated tasks, they contribute to impactful international projects with strong mentorship from senior leaders.

## Key Takeaways & Reflection

**IT Powers the Business:** The talk revealed that technology isn't just staying in the background—it's deeply woven into every aspect of a global manufacturing company's success.

**Real-World Impact of Digital Solutions:** Seeing how predictive analytics saves fuel for ships and how cloud infrastructure enables seamless global operations makes the value of IT tangible and inspiring.

**A Clear Path for Aspiring Technologists:** PPG's investment in young talent through its impactful internship program offers a clear and motivating career path for students in data, cloud, and enterprise systems.



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