



Hyper-Automation (HA) Explained



Hyper automation is the next stage in the evolution of platforms for automation.

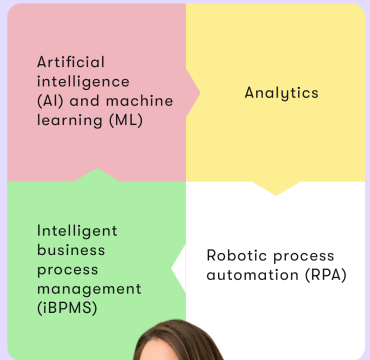


Hyper-automation works with both routine tasks and complicated business operations as it combines several automation technologies.

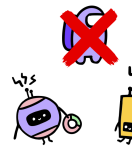


HA simulates human activity to form a so-called Digital Twin for any operation, improving scalability and performance.

Hyper-Automation (HA)



Major Future Impacts of Hyper-Automation



1 in every 3 jobs

1 in every 3 jobs in the world is likely to be affected by AI and automation (together with HA) by 2030.



\$15 trillion

The world economy might grow by US\$15 trillion by 2030, all due to robotics and artificial intelligence.

Main Stages of Development in Hyper-Automation

1. Basic Stage

You're using basic automation tools and procedures to enable rules-based automation (RBA) of routine and repetitive processes.



- Examples:
- Scheduling tasks in the metals and mining sector
 - Bank reconciliation in the banking sector
 - Managing health records in the healthcare sector



3. Intelligent Stage

You're combining robotic process automation with Machine Learning and AI technologies to create end-to-end process automation. The new type of automation is able to read and comprehend unstructured information like text, image, video, and voice.



- Examples:
- Analyzing credit risk in the credit rating sector
 - Processing and validating loans in the banking sector
 - Processing claims in the healthcare sector
 - Processing purchase orders in the metals and mining sector



2. Advanced Stage

You're utilizing automation bots and robotic process automation (RPA) to optimize and improve business workflows.



- Examples:
- Appointment scheduling chatbots in the healthcare sector
 - Managing inventories in the metals and mining sector
 - Upgrading credit limits in the banking sector
 - Fraud alerts in the credit rating sector



4. Cognitive Stage

You're employing deep learning methods to create a humanlike conversation AI bot.



- Examples:
- Virtual caregivers in the healthcare sector
 - Digital production planning in the credit rating sector
 - Automating help desks in the banking sector