

Appendix 1 – Different types of Automation

- Robotic Process Automation (RPA):
 - Software bots
 - Task automation
 - Process optimisation
- Business Process Automation (BPA):
 - Workflow automation
 - Rule-based automation
 - Integration of various software systems
- Artificial Intelligence (AI) Automation:
 - Cognitive automation
 - AI-powered decision-making
 - Automation of complex tasks using AI algorithms
- Cognitive Process Automation (CPA):
 - Integration of AI, ML, and NLP for cognitive tasks
 - Advanced data analysis and pattern recognition
- Intelligent Document Recognition (IDR):
 - Automated data extraction from unstructured documents
 - OCR (Optical Character Recognition) and data validation
- Test Automation:
 - Automated testing of software applications
 - Regression testing and continuous integration
- Network Automation:
 - Automated configuration and management of network devices
 - SDN (Software-Defined Networking) and NFV (Network Functions Virtualization)
- Chatbots and Virtual Assistants:
 - Automated customer support and interaction
 - Natural language understanding and responses
- Autonomous Vehicles:
 - Self-driving cars and drones
 - Automation in transportation and logistics
- Smart Home/Building Automation:
 - Home devices and appliances connected to a centralised system
 - Remote control and intelligent scheduling
- Industrial Automation:
 - PLC (Programmable Logic Controller) systems
 - Robotics and robotic arms for manufacturing
- Process Mining:
 - Automated analysis of process data and event logs
 - Identifying bottlenecks and process improvements
- Sales and Marketing Automation:
 - Automated email marketing campaigns
 - Lead generation and customer relationship management
- Supply Chain Automation:
 - Inventory management and order processing
 - Demand forecasting and logistics optimization
- Energy Management Automation:

- Automated control and monitoring of energy consumption
 - Smart grid technologies
- Health Care Automation:
 - Automated patient monitoring and data analysis
 - Robotic surgery and telemedicine applications