**Intel® Al for Manufacturing Certificate Course**

**Week 9 – Assignment Report**

**Pitch for Robotic Process Automation (RPA) Adoption**

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**1. Introduction**

Robotic Process Automation (RPA) is transforming the manufacturing sector by automating repetitive, rule-based tasks. This report presents a strategic pitch for RPA adoption in a manufacturing organization and follows a structured six-step industry-ready approach to convince stakeholders of its value.

**2. Selected Organization**

**Organization:** Bharat AutoTech Pvt. Ltd.  
**Sector:** Automotive Parts Manufacturing  
**Primary Challenge:** Manual data entry, order processing delays, and frequent human errors in inventory management.

**3. Benefits of RPA for the Organization**

Here are five key benefits of RPA adoption for Bharat AutoTech Pvt. Ltd.:

1. **Reduced Operational Costs:**  
   Automation of repetitive tasks reduces labor costs by eliminating the need for manual interventions.
2. **Improved Accuracy:**  
   RPA bots perform tasks with high precision, significantly reducing human error in inventory tracking and reporting.
3. **Faster Processing Time:**  
   Tasks like invoice generation, shipment updates, and supplier communications are executed instantly, improving efficiency.
4. **Scalability:**  
   RPA can be easily scaled across departments, allowing the company to handle growing volumes without increasing workforce size.
5. **Better Compliance:**  
   Automated logs and audit trails make it easier to comply with regulatory requirements and maintain transparency.

**4. Six-Step Approach for Industry-Ready RPA Adoption**

To prepare a persuasive pitch, the following six steps are followed:

**ONE – Establish a Clear Scope:**  
Identify which repetitive and time-consuming processes are ideal for automation. For Bharat AutoTech, this includes invoice processing, order entry, and supplier notifications.

**TWO – Find a Technology Partner:**  
Collaborate with an RPA solution provider such as UiPath or Automation Anywhere to design and deploy bots tailored to the company’s processes.

**THREE – Choose Specific Tasks and Processes to Automate:**  
Select high-volume, rule-based processes such as order confirmation emails, production scheduling updates, and inventory threshold alerts.

**FOUR – Implement Your First RPA Bot:**  
Start with a pilot project that automates inventory stock alerts and replenishment requests to measure impact before full-scale deployment.

**FIVE – Measure the Success of Your Initial Automation Project:**  
Track performance using KPIs like task completion time, accuracy rate, and resource savings. Use these metrics to build a case for broader RPA investment.

**SIX – Expand Automation to Other Business Processes:**  
Scale automation to include procurement, logistics, HR onboarding, and quality assurance reporting.

**5. Conclusion**

Adopting RPA can offer a high return on investment for manufacturing organizations like Bharat AutoTech Pvt. Ltd. By following a systematic adoption strategy and targeting the right processes, the company can streamline operations, reduce costs, and enhance productivity. A well-prepared stakeholder pitch built on these benefits can support successful RPA investment and deployment.