

## K.P.S.Shivratna

1. **Robotic Process Automation (RPA) Implementation:** Implementing RPA solutions requires effort. Suitable processes need to be identified. If a rules-based robot will be used, the robot needs to be programmed.
2. **Process Mining:** Leverage AI algorithms to mine your processes and understand your actual processes in detail. Process mining can provide fastest time to insights about your as-is processes as demonstrated in case studies.
3. **Predictive Maintenance:** Predictively maintain your robots and other machinery to minimize disruptions to operations. Implement big data analytics to estimate the factors that are likely to impact your future cash flow. Optimize PP&E spending by gaining insight regarding the possible factors.
4. **Manufacturing Analytics:** Also called industrial analytics systems, these systems allow you to analyze your manufacturing process from production to logistics to save time, reduce cost, and increase efficiency. Keep your industry effectiveness at optimal levels.
5. **Inventory & Supply Chain Optimization:** Leverage machine learning to take your inventory& supply chain optimization to the next level. See the possible scenarios in different customer demands. Reduce your stock, keeping spending, and maximize your inventory turnover ratios. Increase your impact factor in the value chain.
6. **Robotics:** Factory floors are changing with programmable collaborative bots that can work next to employees to take over more repetitive tasks. Automate physical processes

such as manufacturing or logistics with the help of advanced robotics. Increased your connected systems by centralizing the whole manufacturing process. Lower your exposures to human errors.

7. **Collaborative Robot**: Cobots provide a flexible method of automation. Cobots are flexible robots that learn by mimicking human workers' behavior.
8. **Cashierless Checkout**: Self-checkout systems have many names. They are called cashierless, cashier-free, or automated checkout systems. They allow retail companies to serve customers in their physical stores without the need for cashiers.
9. **Invoicing**: Invoicing is a highly repetitive process that many companies perform manually. This causes human errors in invoicing and high costs in terms of time, especially when a high volume of documents needs to be processed. Thus, companies can handle these repetitive tasks with AI, automate invoicing procedures, and save significant time while reducing invoicing errors.
10. **Analytics Platform**: Empower your employees with unified data and tools to run advanced analyses. Quickly identify problems and provide meaningful insights.
11. **Analytics Services**: Satisfy your custom analytics needs with these e2e solution providers. Vendors are there to help you with your business objectives by providing turnkey solutions.
12. **Automated Machine Learning (autoML)**: Machines helping data scientists optimize machine learning models.

With the rise of data and analytics capabilities, automation is needed in data science. AutoML automates time consuming machine learning tasks, enabling companies to deploy models and automate processes faster.

13. **Geo-Analytics Platform:** Enables analysis of granular satellite imagery for predictions. Leverage spatial data for your business goals. Capture the changes in any landscape on the fly.
14. **Conversational Analytics:** Use conversational interfaces to analyze your business data. Natural Language Processing is there to help you with voice data and more. Automated analysis of reviews and suggestions.
15. **Real-Time Analytics:** Real-Time Analytics for your time-sensitive decisions. Act timely and keep your KPI's intact. Use machine learning to explore unstructured data without any disruptions.
16. **Image Recognition and Visual Analytics:** Analyze visual data with advanced image and video recognition systems. Meaningful insights can be derived from the data piles of images and videos.
17. **E-Commerce Analytics:** Specialized analytics systems designed to deal with the explosion of e-commerce data. Optimize your funnel and customer traffic to maximize your profits.
18. **Marketing analytics:** AI systems learn from, analyze, and measure marketing efforts. These solutions track media activity and provide insights into PR efforts to highlight what is driving engagement, traffic, and revenue.

19. **Personalized Marketing:** The more companies understand their customers, the better they serve them. AI can assist companies in this task and support them in giving personalized experiences for customers.
20. **Context-Aware Marketing:** You can leverage machine vision and natural language processing (NLP) to understand the context where your ads will be served.