

02 Industrial Revolution 4.0

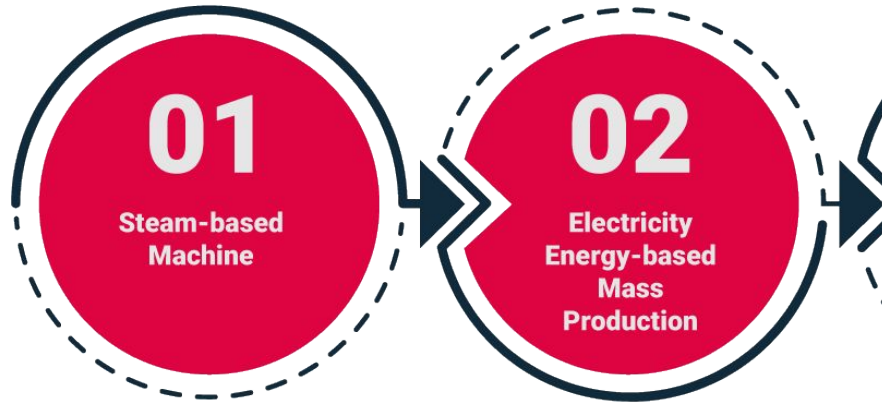
Topic Outline

- Industry Revolution in a nutshell
- IR 4.0 and its main elements
- Impact of IR4.0 into Talent and Business

Timeline of Industrial Revolution



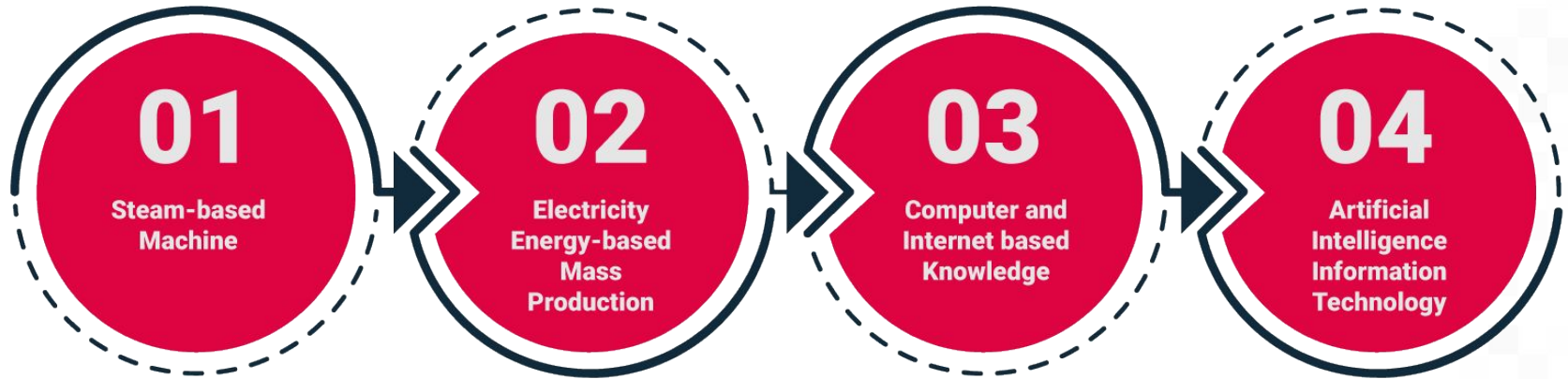
Timeline of Industrial Revolution



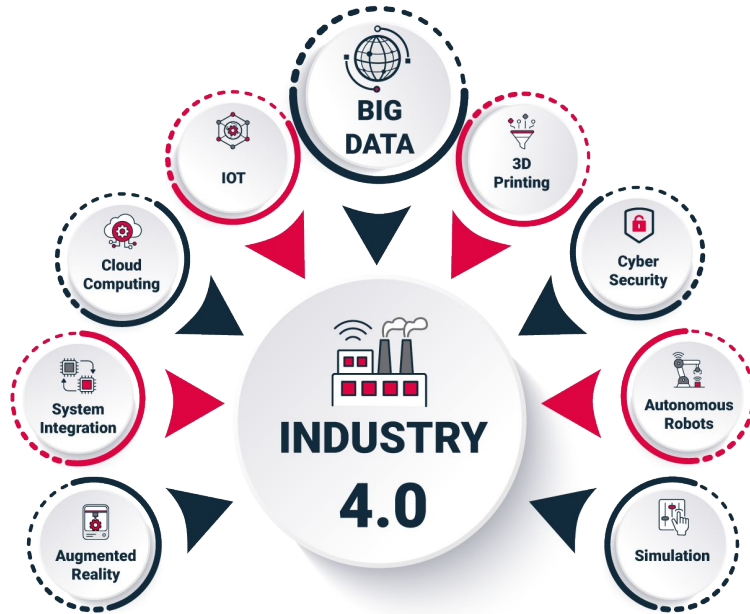
Timeline of Industrial Revolution



Timeline of Industrial Revolution



What is IR 4.0?



- Integration of several elements consist of data, AI, machines and communication for creating automated and intelligent industrial ecosystem.

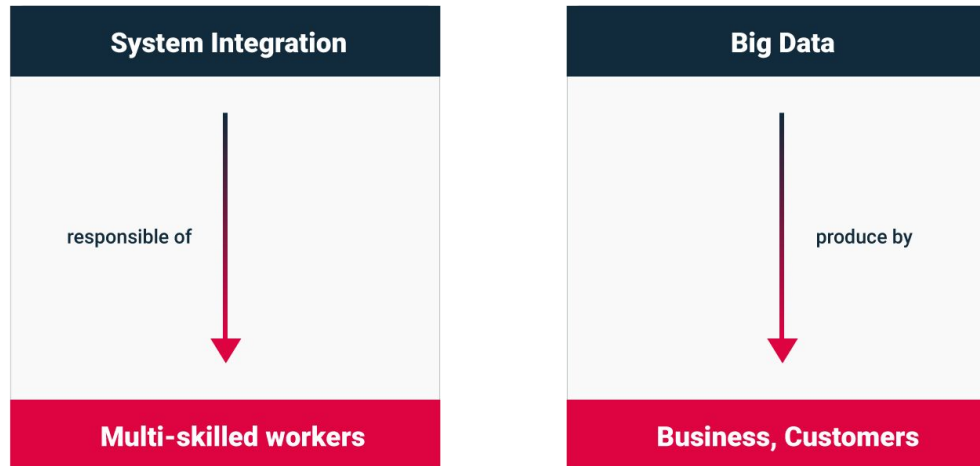
Questions: Would failure in adopting IR4.0 kill businesses?

- How to adapt with the revolution?
 - Build awareness
 - Talent acquisition

Talent and Business

Effect of Industrial Revolution 4.0:

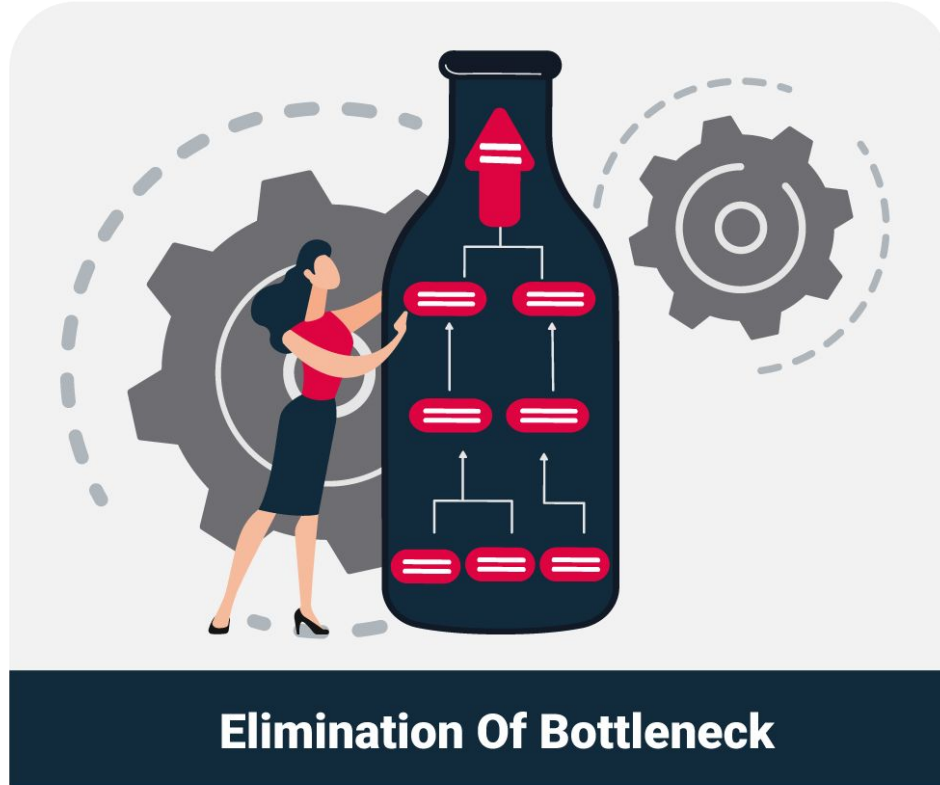
- Demand on multi-skilled talent has increased (**refer on IR4.0 elements*)
- Business impact depends on patterns of consumer behaviour. (**contribute on producing large amount of informations and data*)



How Big Data Improve **Companies'** Operation



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Predictive Maintenance

Topic Summary

- IR 4.0 combine **several elements** to create an automated and intelligent ecosystem.
- **Big data** management plays a big role to achieve a success implementation of AI in business ecosystem
- Industrial Revolution 4.0 effect on **Talent opportunities** and **Business impact**
- How Big Data improve **company operation**:
 - a. improving warehouse process
 - b. elimination of bottleneck
 - c. predictive demand
 - d. predictive maintenance