



YOUNGLINGS 2021 MASTERCLASS



EVOLUTION OF INDUSTRY



HOW DID IT ALL BEGIN.....STEAM

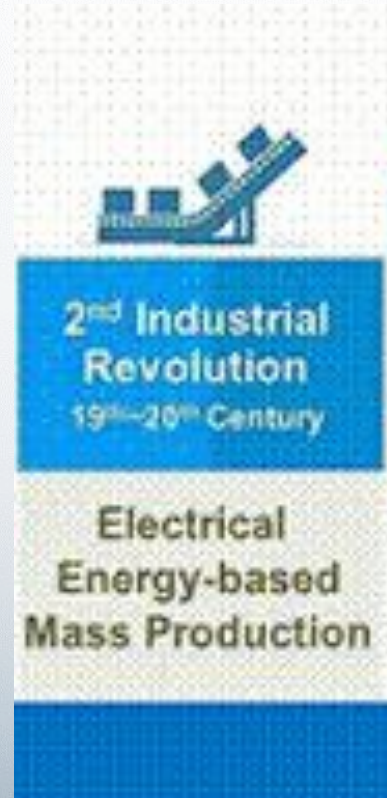
1760's



- a simple device that used boiling water to create mechanical motion
- 1st mechanical loom 1784

2ND INDUSTRIAL REVOLUTION - ELECTRICITY

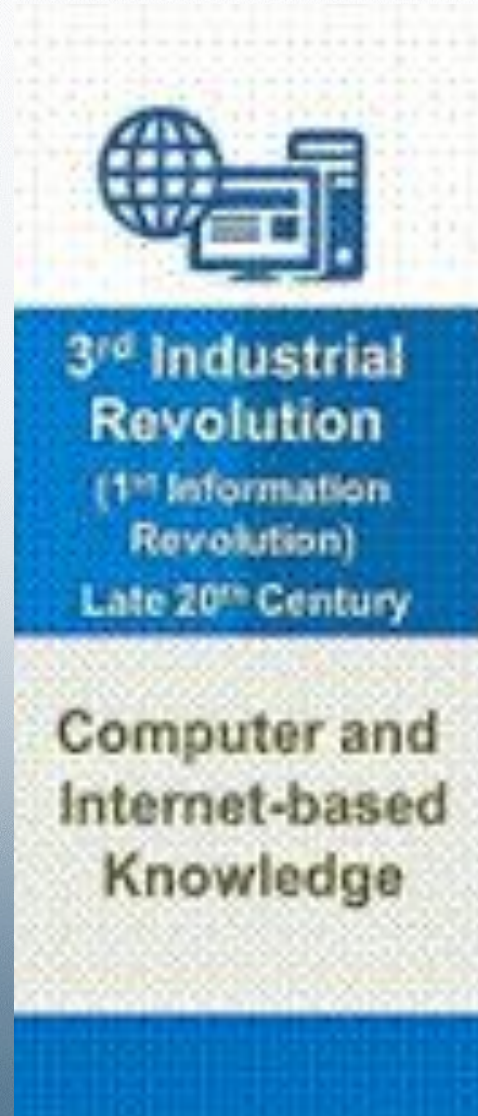
1850-1970



- Discovery and use of Electricity
- Period: (1850-1914)
- Growth of pre-existing industries
- Expansion of new ones; such as the steel, oil and electricity fields.
- 2 things changed the world ...
 - Public transport (cars)
 - Aeroplanes.

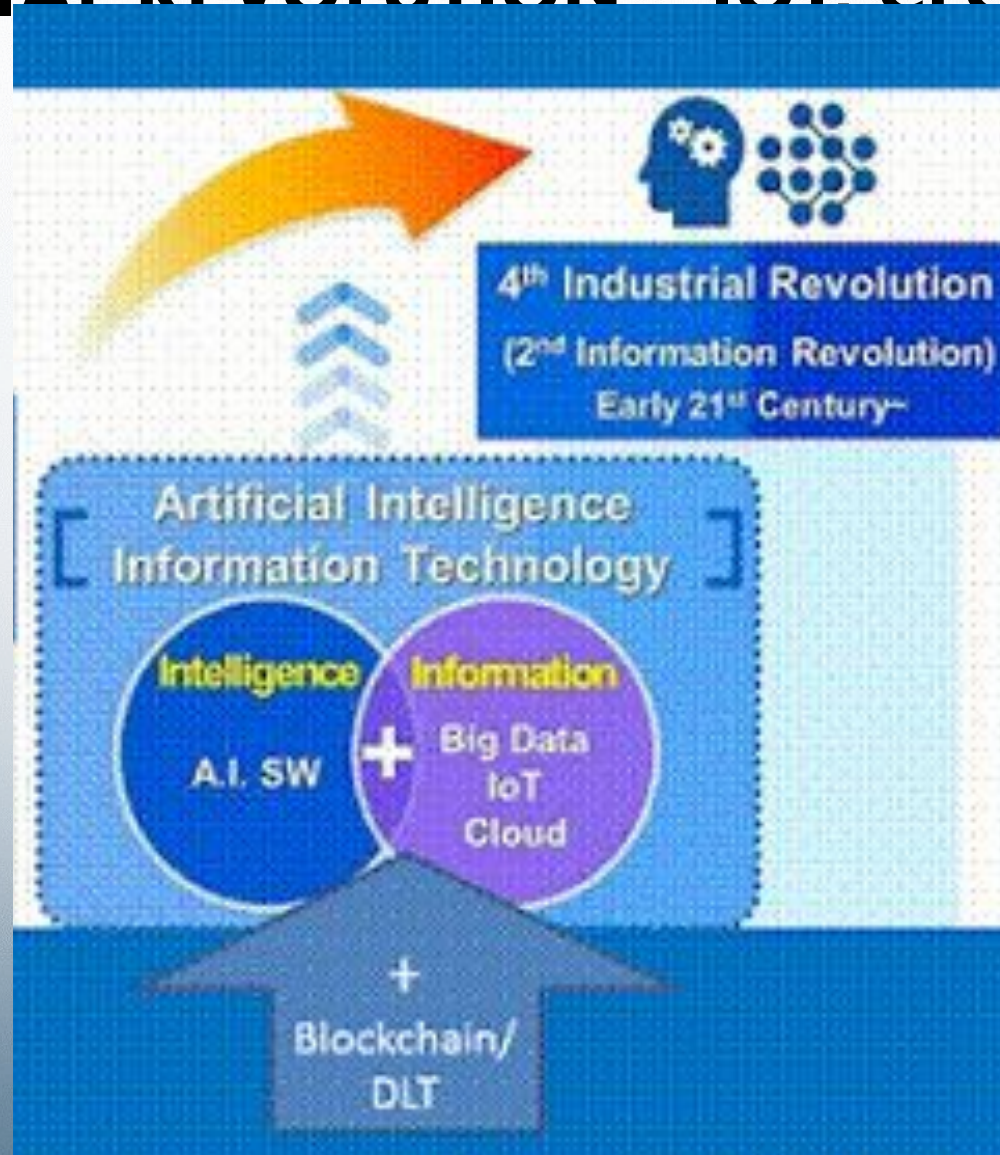
3RD INDUSTRIAL REVOLUTION - COMPUTERS

1969-



- known as the digital revolution is driven by the change from mechanical and analogue electronic technology to digital electronics
- widespread adoption of digital computers which has led us to the present day.
- automation of production, consumer electronics, information and communications technology and the internet

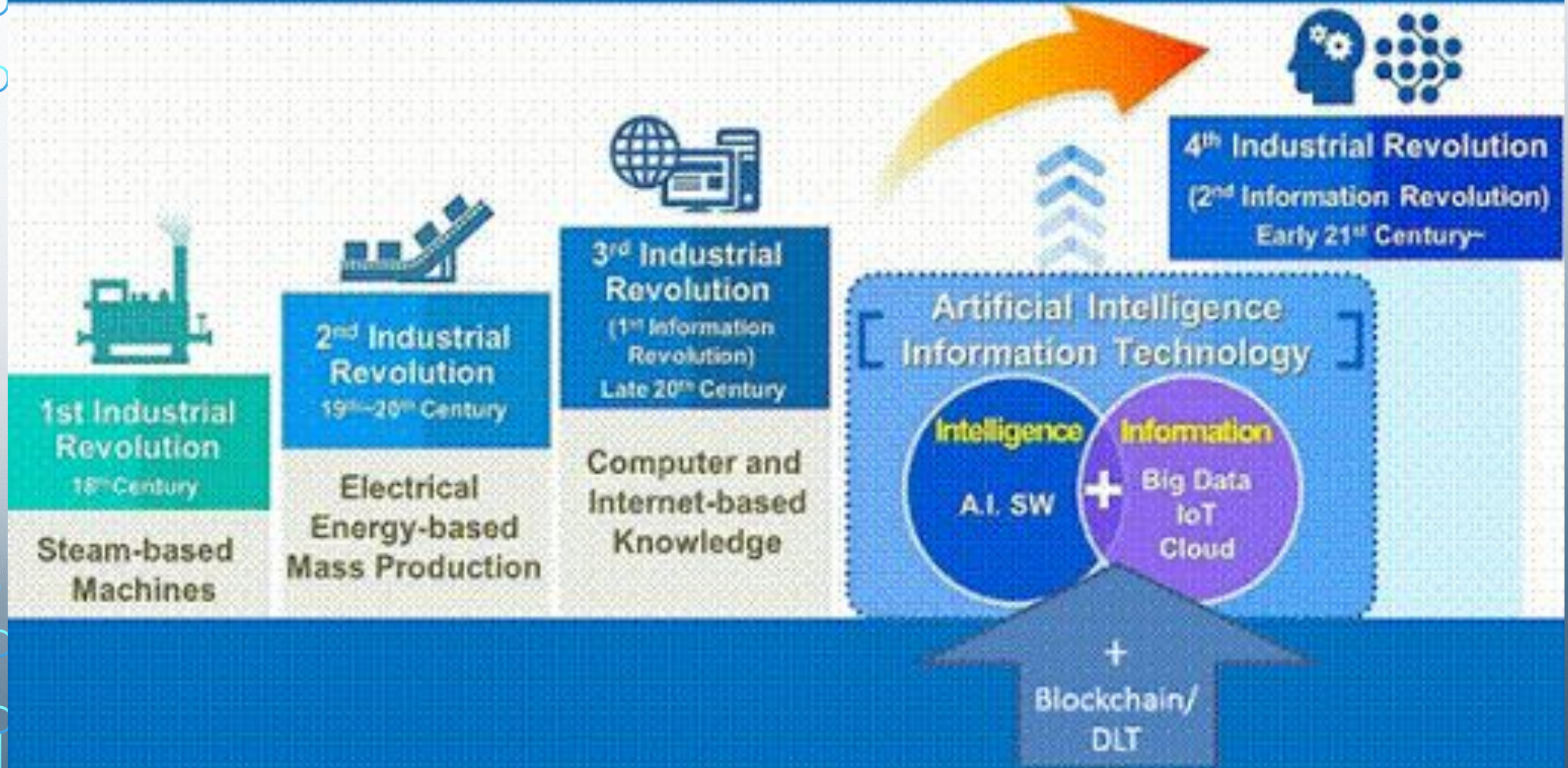
4TH INDUSTRIAL REVOLUTION – IOT, CLOUD, MOBILITY



- Confluence and convergence of emerging technologies

1990-TODAY

The Fourth Industrial Revolution



The confluence and convergence of emerging technologies

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- <https://youtu.be/LlhmzVL5bm8>

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