

Webinar on Regulation of Artificial Intelligence in Kenya

06th July 2021.

ERCP-Program



Outline of Presentation

- *What is AI*
- *How AI Works*
- *Purpose of AI*
- *Applications of AI*
- *Advantages of AI*



What is Artificial Intelligence (AI)

- AI is a branch of computer science concerned with building smart machines that are capable of performing tasks that require human intelligence.
- Artificial Intelligence is the ability of machines to behave like humans.



What is AI?

- is the ability of machines to adapt to new inputs and perform tasks that require intelligence without additional programming.

– *AI Taskforce Report*



How AI Works

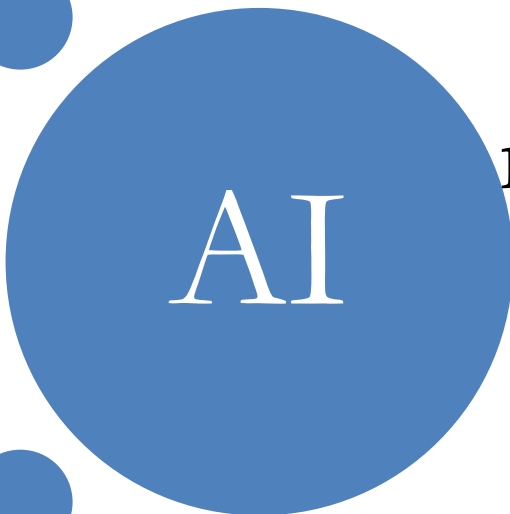
Volumes of Data



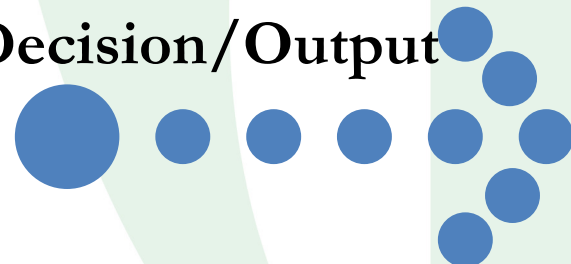
Capture



Process



Decision/Output



Purpose of AI

- Aid human capabilities and help in advanced decision making
- Simplify tasks – improve efficiencies
- Assist in Management; marketing, supply chain
- Making business predictions – Data based



Application of AI

- Data Processing is key.
 - Google – predictive text for a user
 - Movie Sites such as Netflix – Similar Movies prediction and loading
- Taxi Hailing Apps (Bolt, Uber, Taxify)
- **Healthcare**; Telemedicine, Assisted diagnosis, Robot Assisted Surgery
- **Agriculture**; Weather forecast Info, Virtual farmer assistance, Crop surveillance



Advantages of AI

- Minimize human error
- Available 24×7
- Helps in repetitive/routine work
- Fastens decision making situations
- Rational Decision Maker – Using data
- Aids in communication – more efficient



Conclusion

- AI is the Future Technology NOW!
- Should be embraced all round – in all of our daily routines
- Has many benefits to individual and organizations alike
- Need for **proper regulations** to check application and use



Thank You!

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