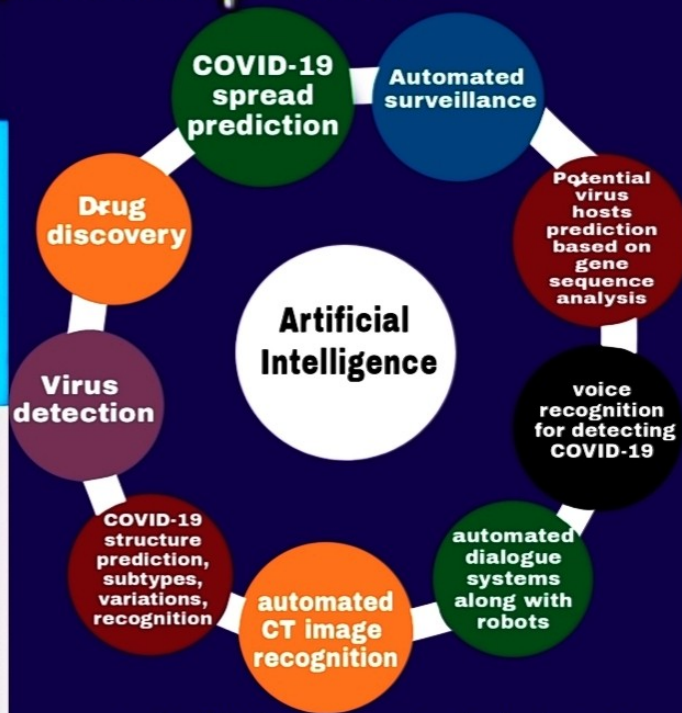


# "Applications of digital technology in Covid -19 pandemic planning and response"

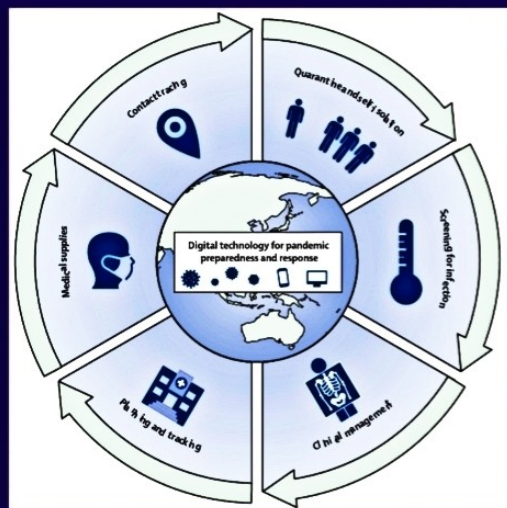


COVID-19, an infectious disease caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is a global pandemic.



can facilitate pandemic strategy and response in ways that are difficult to achieve.

**Big data and artificial intelligence (AI) have helped facilitate COVID-19 preparedness and the tracking of people, and so the spread of infection, in several countries.**



Digital Technology as a tool for pandemic preparedness and response.

<b>Tracking</b>	Data dashboards, migration maps, real time data from mobile
<b>Screening for infection</b>	AI, digital thermometer, Mobile apps, thermal cameras.
<b>Contact Tracing</b>	Global positioning systems, Wearable technology.
<b>Quarantine and self isolation</b>	<b>AI, digital recorders, quick response codes.</b>
<b>Clinical management</b>	<b>AI for diagnostics, virtual care of telemedicine platforms.</b>



**safety :-**



The integration of digital technology into pandemic policy and response could be one of several characteristic features of countries that have flattened their COVID-19 incidence curves and maintained low mortality rates.