

# Ai in Pharmacy

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## DEFINITION:

Digital computing That as ability for performing tasks associated with human intelligence, AI can be protective and optimized of money and time the relations between different formulations and processes parameters can be easily comprehensible.

## AI introduction:

- Yeah It was first innovated by **Newell and Simon in 1995** before beginning of AI they had few attempts to explain human thinkings as an illustrative system suggest ( ideas, emotions, readily comprehend )
- Alan Turing Conducted a test that's about **does that mission has ability to exhibit behaviors of human** And to publish the computing machinery and intelligence and this test is called "Turing test"

## Sorts of AI self awareness:

Theory of mind reactive machines( limited memory ),AI in pharmacy tasks are performed by use of automatic algorithms in which the normal depend upon human intelligence

## AI in pharmaceutical industries

- Disease data analysis
- Data storage(ML technology)
- Electronic medical records (EMRs)
- Drug discovery
- clinical research

## Benefits of AI in healthcare:

- Increased accuracy
- Faster deciding
- Solve typical problems to create lives easier
- High level computational language

## Outline:

Data — training the machines — building model — predicting outcome

AI in healthcare is employed in numerous ways for research and by professionals

## Why AI in healthcare :

- Development of complex algorithms
- Solve high dimensions in data
- High availability of medical data (very vast)

NUANCE: it's a production Service intelligence machine learning, AI is also used to learn features hierarchies

## Applications of AI in healthcare:

- Add and diagnosis ML technology to store sensitive patients data
- Manufacturing QC process automation
- Design optimization
- Predictive maintenance labs (MRI scan, CT scan) etc...



**Conclusion**

**It is a foremost development to build computational needs of intelligence not only about technology development but also development of healthcare sectors**