



# SNS COLLEGE OF TECHNOLOGY

Coimbatore - 35



23BAT613 – Artificial Intelligence for Managers

## Unit I – TECHNOLOGY OVERVIEW AND FUNDAMENTALS



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Redesigning Common Mind & Business Towards Excellence

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Institution  
to Implement  
& Patent  
Design  
Thinking  
FrameWork

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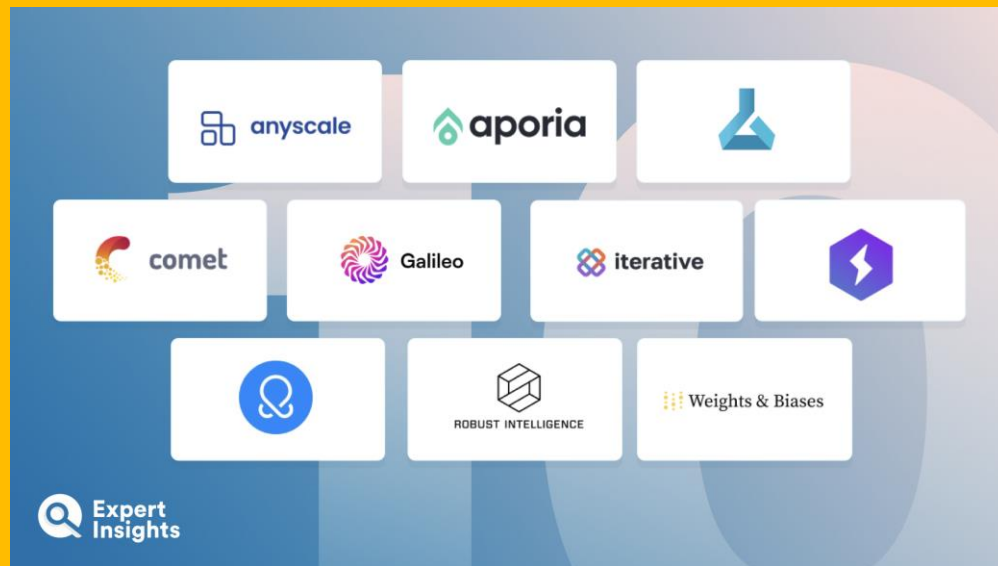
Sri SNS Charitable Trust  
CELEBRATING  
**25**  
th Year  
SILVER JUBILEE

Build an Entrepreneurial Mindset through our Design Thinking FrameWork



# Guess the Topic!!!

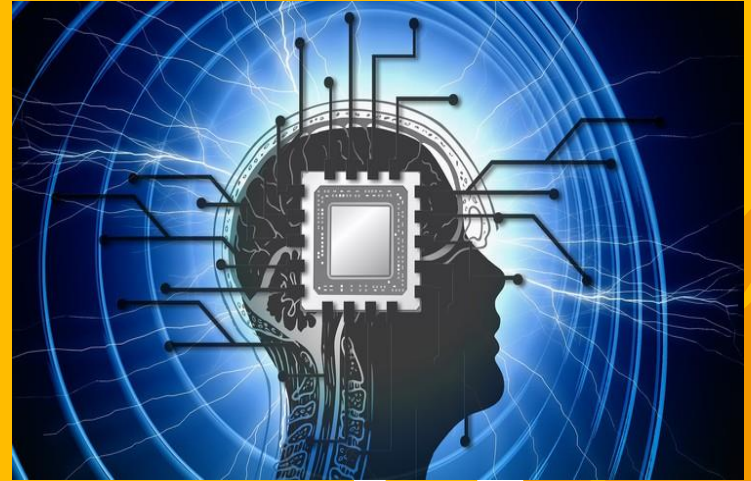
Tools and Platform for  
Organization to deploy  
AI & ML





# Discussion about....

- Reason to study AI Platform
- Artificial Intelligence Platform
- Artificial Intelligence Tools
- How AI works





# Artificial Intelligence Platforms

Machine Learning

Deep Learning

Prebuilt algorithms and code frameworks

**Artificial Intelligence (AI) is when a machine mimics the cognitive functions that humans associate with other human minds, such as learning and problem solving, reasoning, knowledge representation, social intelligence and general intelligence.**



# Artificial Intelligence Platforms

1



Automating process involves employing artificial intelligence platforms that can support the digitalization process and deliver the same or better results that human being would have achieved.

2



Artificial Intelligence (AI) is when a machine mimics the cognitive functions that humans associate with other human minds, such as learning and problem solving, reasoning, problem solving, knowledge representation, social intelligence and general intelligence.

3



Many tools are used in AI, including versions of search and mathematical optimization, logic, methods based on probability and economics.

4



AI platform is defined as some sort of hardware architecture or software framework (including application frameworks), that allows software to run.



# Artificial Intelligence Tools



Microsoft Azure



Google AI



DataRobot



aws



OpenAI



nVIDIA

H<sub>2</sub>O.ai



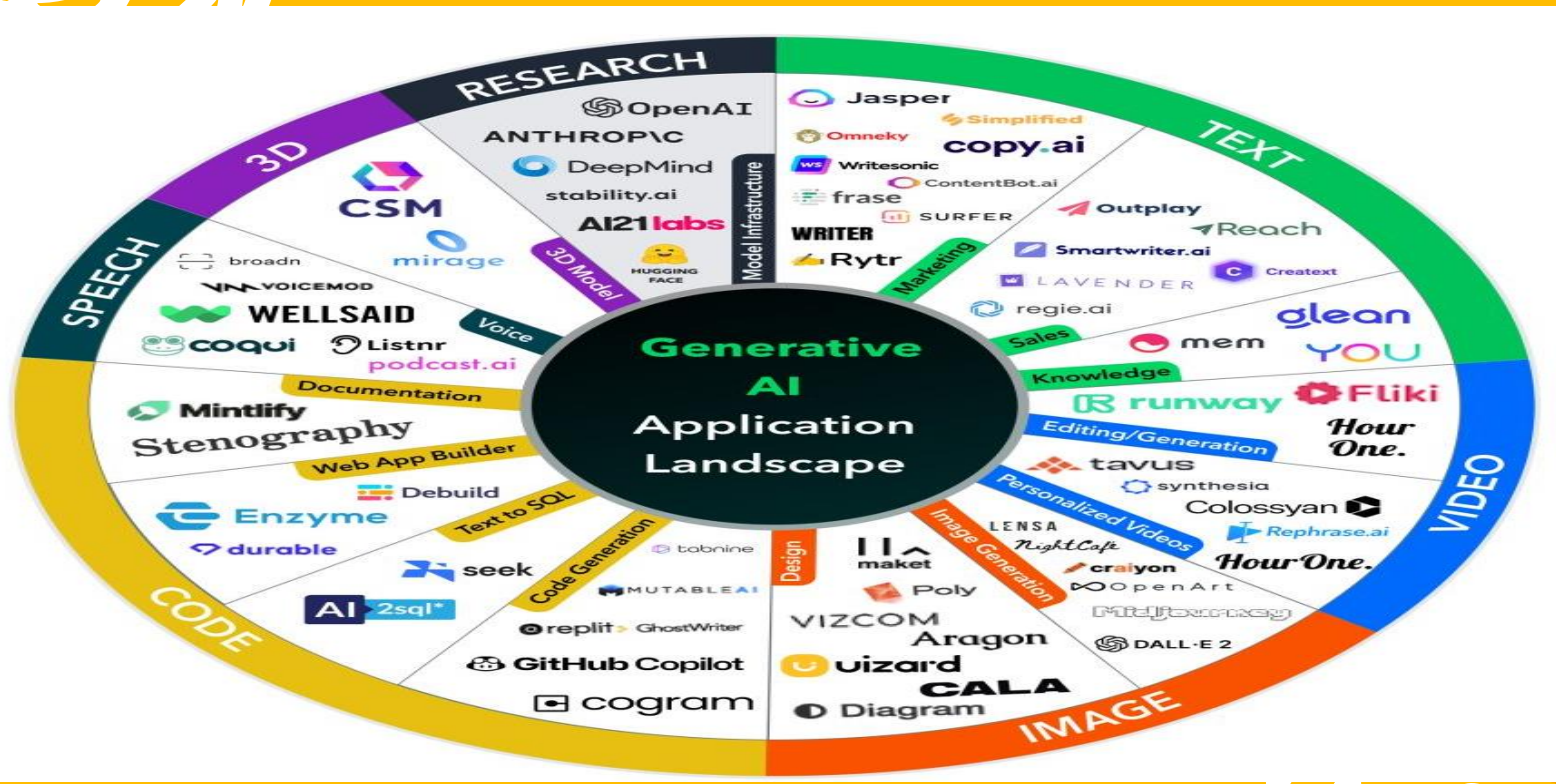


# Artificial Intelligence Tools





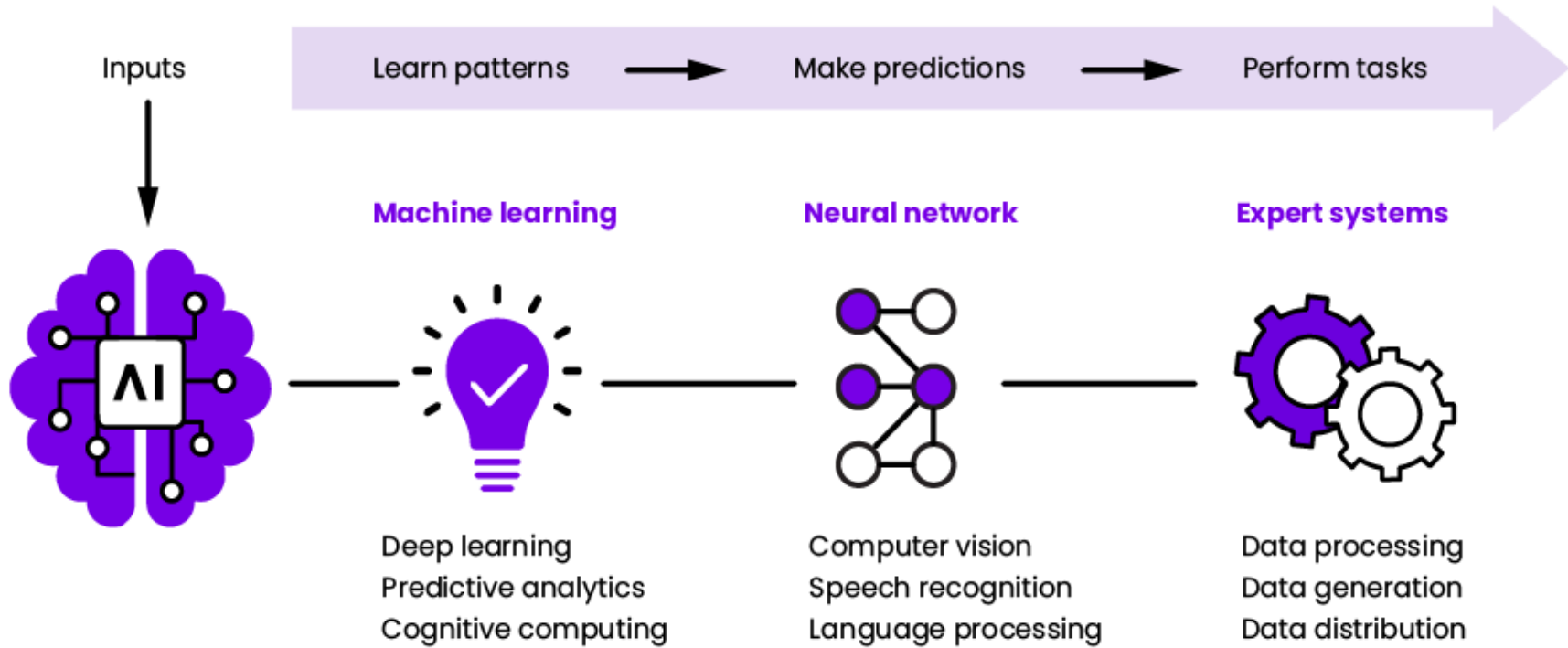
# Artificial Intelligence Tools







# How AI Works





# Knowledge Check

Which of the following platforms is commonly used for deploying AI & ML solutions?

- X a) TensorFlow
- X b) Facebook
- X c) Twitter
- X d) Instagram
- X **Answer: a) TensorFlow**



# Summary

- Reason to study AI Platform
  - Artificial Intelligence Platform
  - Artificial Intelligence Tools
  - How AI works





# References

➤ <https://www.predictiveanalyticstoday.com/artificial-intelligence-platforms/>





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# Thanks!

