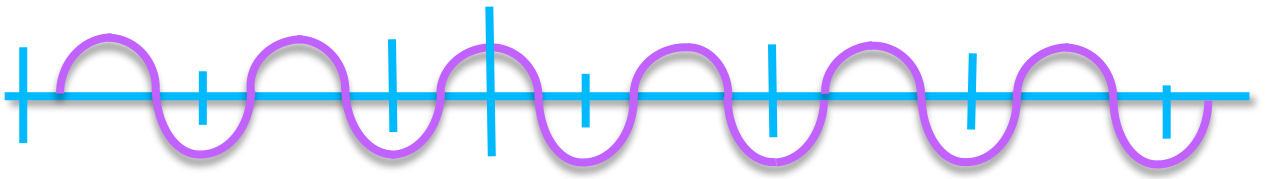# KEY MOMENTS IN THE AI JOURNEY...
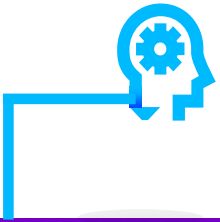
1940

Expectations that machines could match humans in terms of general intelligence. By that we mean machines could have an ability to **Learn, Reason and React.**

1950

Alan Turing develops the **Turing Test;** a test to determine whether a machine is intelligent. However, it wasn't for another 60 years or so that any program was deemed to have passed.

1955

The first time a computer program **defeats** a human **World Champion** in a board game.

1956

John McCarthy invents the **new term** 'Artificial Intelligence' when he held the **First Academic Conference** on the subject of AI.

1962

Arthur Samuel 's machine learning checkers (draughts) program, beat a checkers master.

1980

Reinforcement Learning is introduced. This is a type of programming that uses rewards and punishments to train a machine to interact with it's environment.

2012

Research group led by **Geoffrey Hinton** wins the **ImageNet** competition – this competition requires AI to categorise about 1.2 million images into any of 10,000 different categories. The level of accuracy was **equal** to that of the average human completing the same task manually.

2014

Eugene Goostman's chatbot, a bot pretending to be a 13 year old boy, supposedly **passes the Turing Test,** a test which no one has passed before! But **controversy** arose with this claim as:

1. Experts claims it only lasted five minutes.
2. It was deemed **biased** as Eugene's first language (Ukrainian) was not the same as the judges (English), which is an advantage as language is one of the few ways we can tell the difference between a human and machine.

2018

Alibaba's AI Model performs better than humans in a reading and comprehension test at **Stanford University,** scoring 82.44 against the 82.304 scored by humans!

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