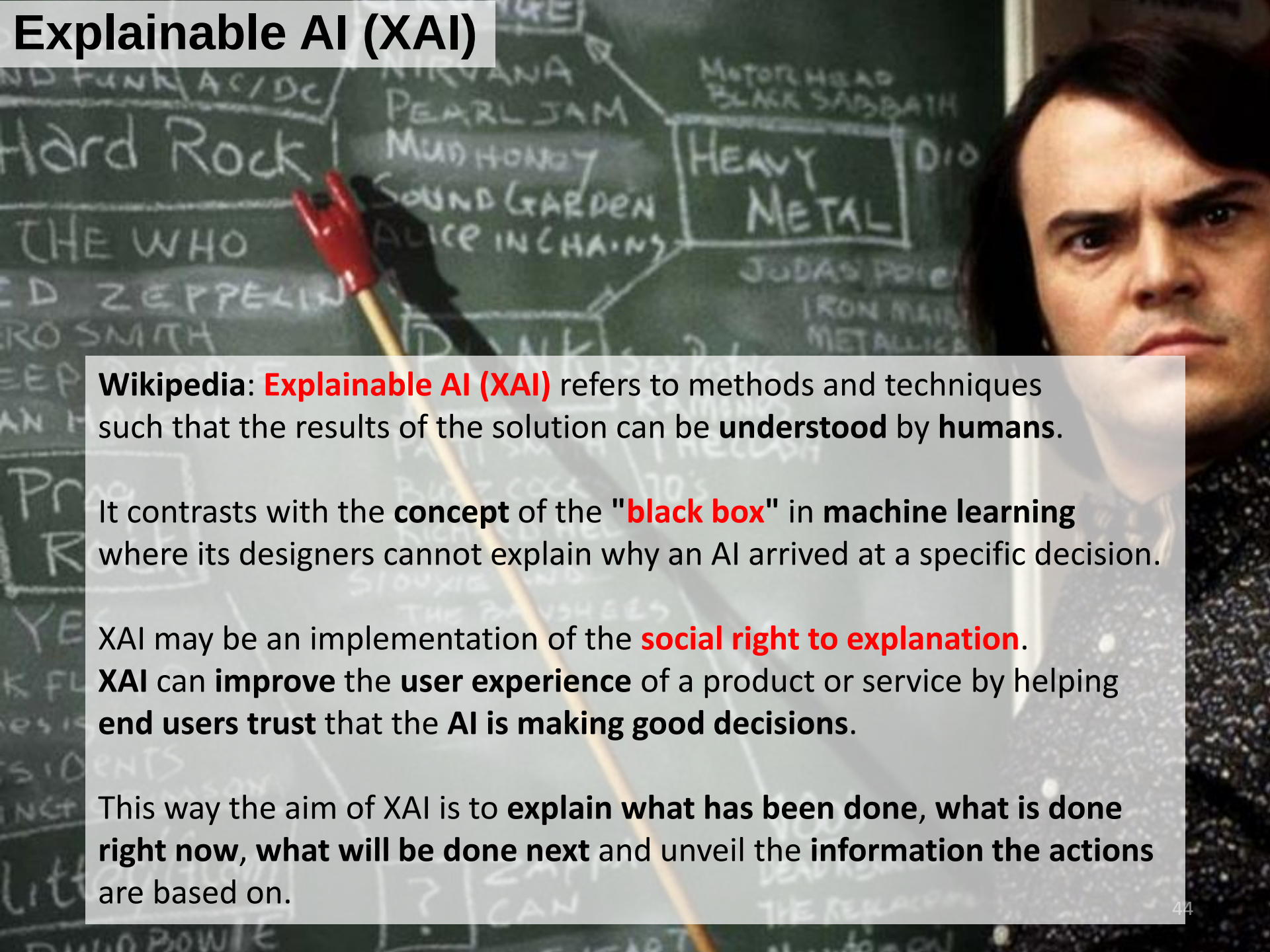
Explainable AI (XAI)



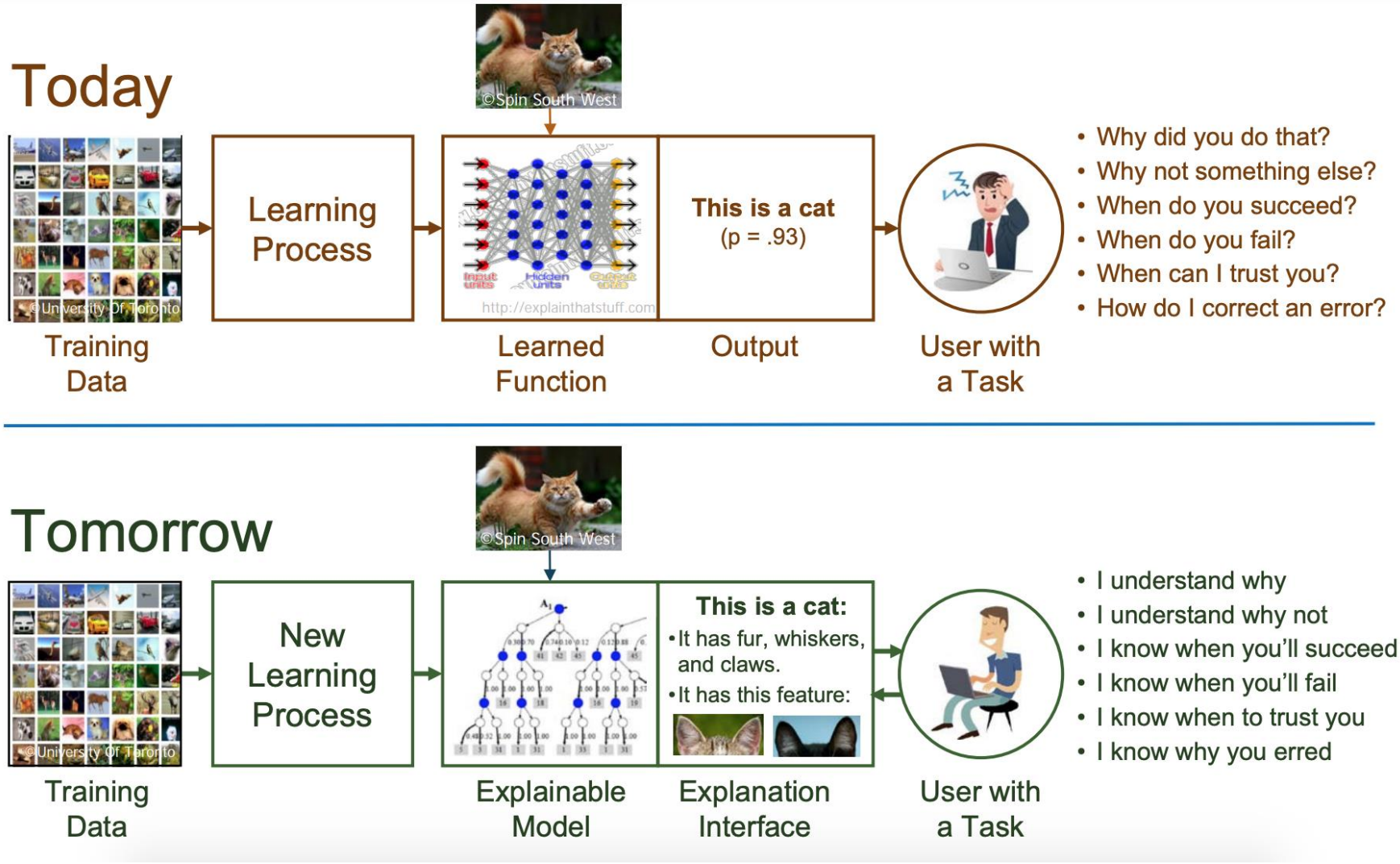
Wikipedia: **Explainable AI (XAI)** refers to methods and techniques such that the results of the solution can be **understood** by **humans**.

It contrasts with the **concept** of the **"black box"** in **machine learning** where its designers cannot explain why an AI arrived at a specific decision.

XAI may be an implementation of the **social right to explanation**.
XAI can **improve** the **user experience** of a product or service by helping **end users trust** that the **AI is making good decisions**.

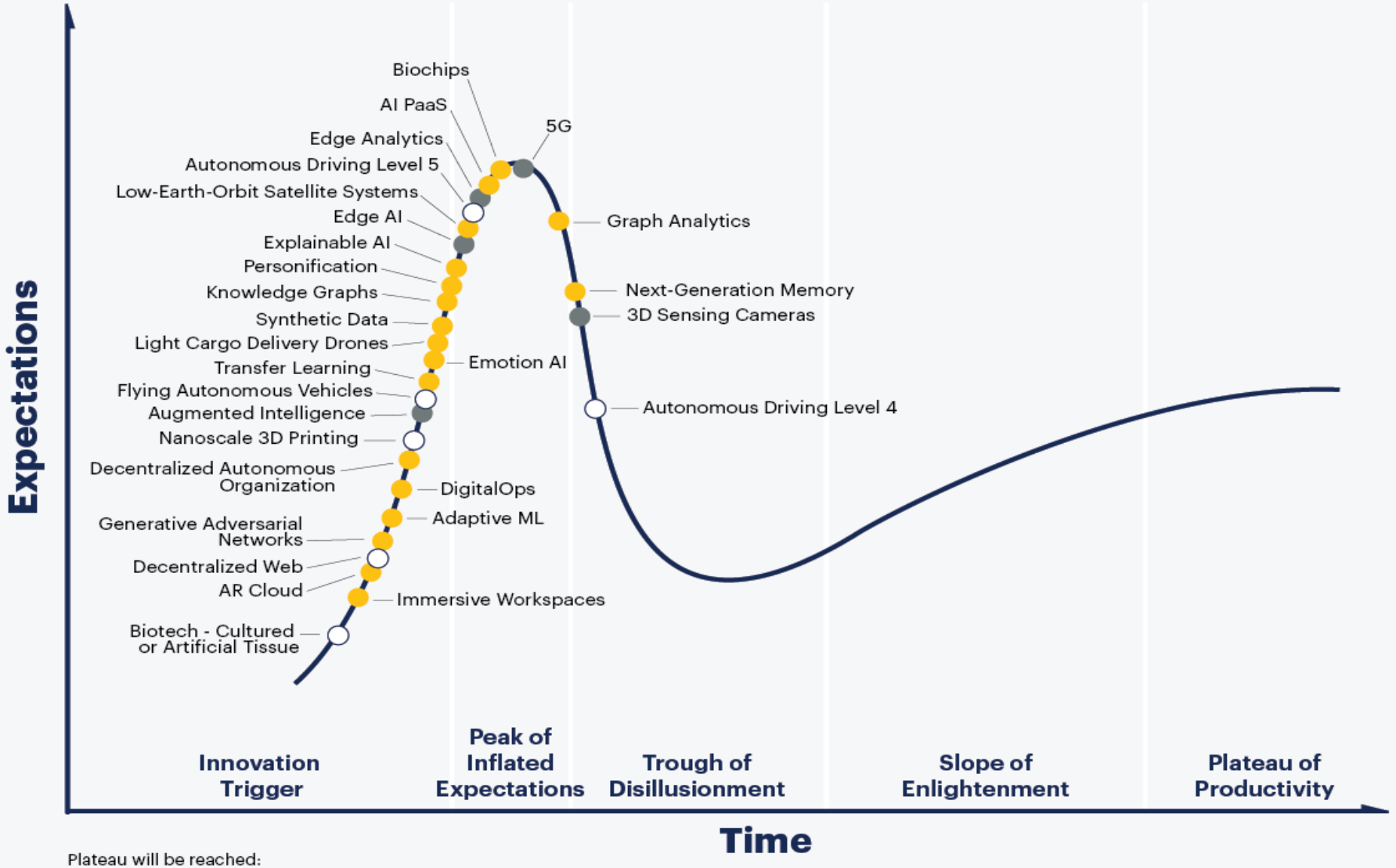
This way the aim of XAI is to **explain what has been done**, **what is done right now**, **what will be done next** and unveil the **information the actions** are based on.

Explainable AI



Explainable AI — All you need to know. The what, how, why of explainable AI, 2020
lawtomated.medium.com/explainable-ai-all-you-need-to-know-the-what-how-why…

Gartner Hype Cycle for Emerging Technologies, 2019

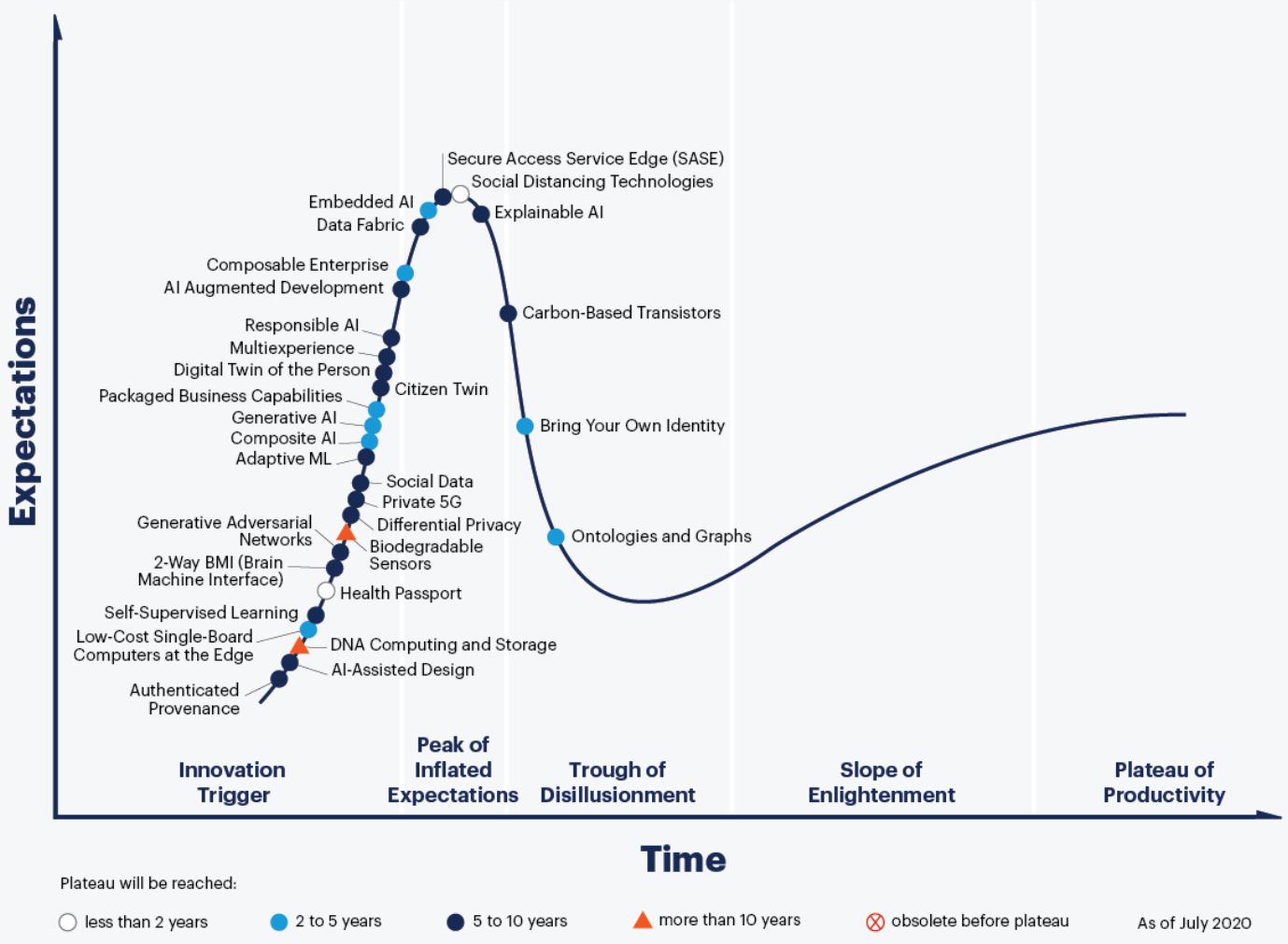


Plateau will be reached:

○ less than 2 years ● 2 to 5 years ● 5 to 10 years ○ more than 10 years ● obsolete before plateau

As of August 2019

Hype Cycle for Emerging Technologies, 2020



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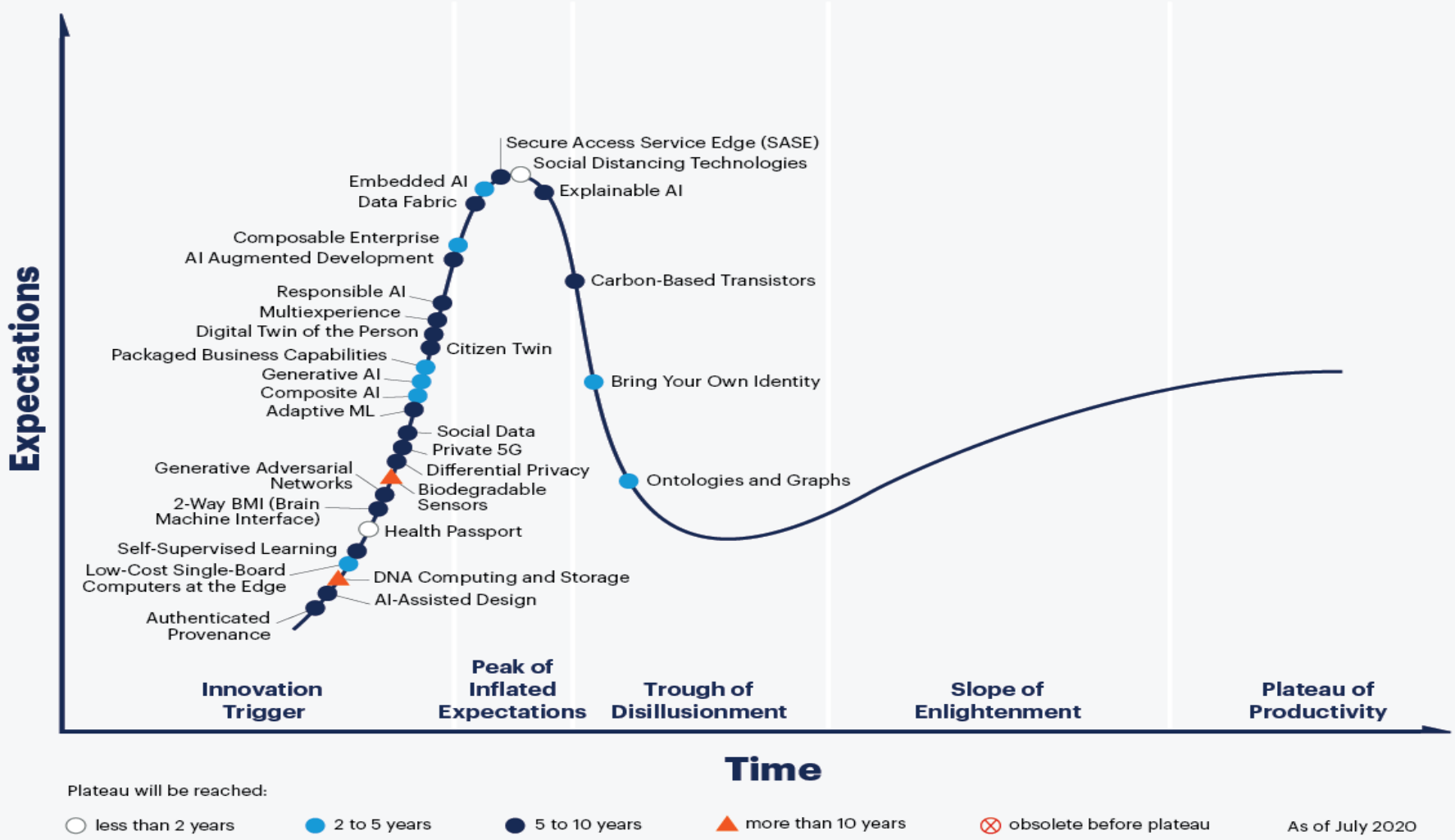

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