**Types of AI:**

1. **Narrow Ai aka Weak Ai**
2. **Generative Ai**
3. **General Ai**

**Functionalities of Ai:**

**1. Relative machines**

**2. Theory of mind**

**3. Limited Memory Machines**

**4. Self aware Ai**

**1.Narrow Ai:**

Narrow Ai also known as weak ai it means that this narrow ai is designed for only specific tasks.

Eg: alexa answers to your question and Siri, google assistant are all same.

**2.Generative Ai:**

It itself is ‘generative’ which means that it will generate news things that are audio ,video,image etc.

It is an approach to generating new things. these these are trained by the past data set values.

Eg:chatgpt,canva ai etc..

**3.General ai:**

General ai does not exist in real life, it is a theoretical approach in which scientists are investing their time to find it. The theoretical concept of general ai is to think like human beings to handle cognitive abilities, emotional balance etc which is not possible with the current neural network architecture with the current technology it is impossible

**Functionalities of AI**

### **1. Reactive Machines**

* These AI systems are purely reactive, meaning they do not store past data or learn from previous experiences.
* They make decisions solely based on current input without memory.
* Example: IBM’s Deep Blue, the chess-playing AI, which analyzes the board in real-time but does not remember past moves**.**

### **2. Limited Memory AI**

* These models can store temporary data to make better decisions.
* They learn from past experiences but have a short-term memory.
* Example: Self-driving cars, which analyze traffic, obstacles, and previous movements to make decisions.

### **3. Theory of Mind AI**

* This is a hypothetical AI still in development, aiming to understand human emotions, beliefs, and thoughts.
* It would interact intelligently by interpreting human intentions.
* Example: AI assistants that could predict moods or adapt responses based on emotions.

### **4. Self-Aware AI**

* The most advanced and purely theoretical AI, capable of consciousness and self-awareness.
* It would have independent thoughts, desires, and emotions, like a sentient being.
* Example: Does not exist yet! If developed, it could think beyond programmed tasks**.**