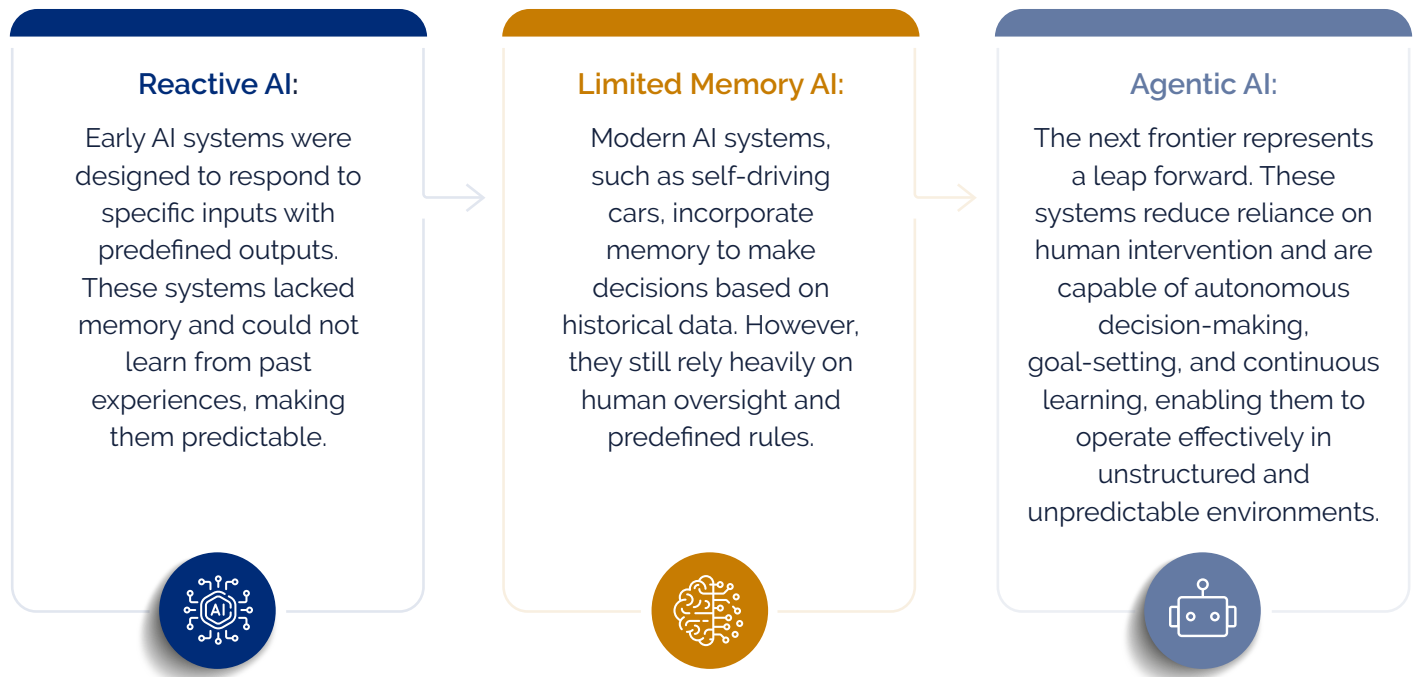


# The Evolution of AI From Reactive to Agentic

The evolution of AI can be traced through several stages:



## Applications of Agentic AI

### Healthcare

Agentic AI can revolutionize healthcare by enabling autonomous diagnostic systems, personalized treatment plans, and robotic surgeries. Example:

#### Personalized Medicine:

Developing individualized treatment plans based on patient data and real-time monitoring.

#### Drug Discovery:

Accelerating drug development through autonomous experimentation and analysis.

#### Robotic Surgery:

Enhancing surgical precision and minimizing invasiveness through autonomous robotic systems.

### Autonomous Vehicles

Self-driving cars are a prime example of Agentic AI in action. These vehicles utilize sensors, cameras, and AI algorithms to navigate complex environments, avoid obstacles, and safely reach their destinations.

### Smart Cities

Agentic AI can be utilized to optimize urban infrastructure, encompassing everything from traffic management to energy distribution. Autonomous systems can monitor and control city operations in real-time, improving efficiency and sustainability.