

# Introduction to AI Agents

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AI agents are autonomous programs that can perceive their environment and take actions [1].

## Key Features

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- Autonomous decision making
- Environmental perception
- Goal-oriented behavior

## Code Example

```
def simple_agent(): return "Hello, World!"
```

## Benefits

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1. Increased efficiency
2. 24/7 availability
3. Scalability

**Bold text** and *italic text* for emphasis.

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