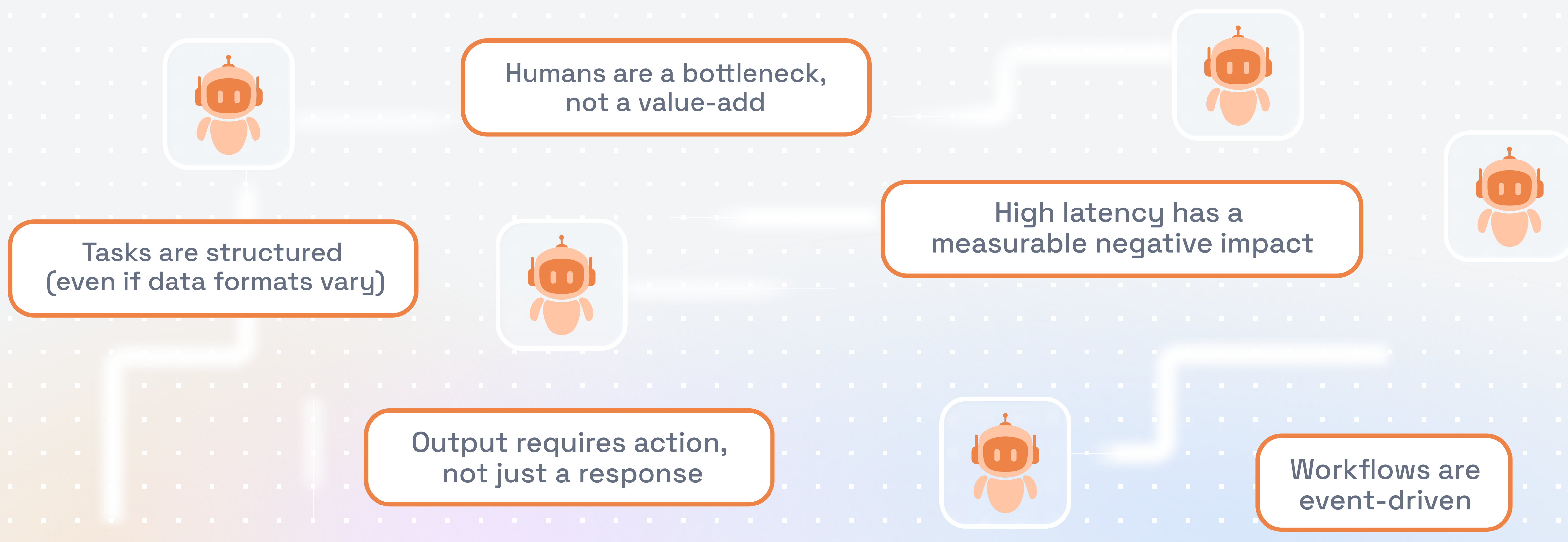


Top 5 use cases for agentic AI

Discover which workflows and verticals benefit most from deploying autonomous agents

Agents excel at tasks that are repetitive, tedious, or require real-time responses



AI agents can support diverse workflows

Multi-step sequential workflows

High-volume, repetitive decision-making

24/7 monitoring and response loops

Document ingestion and sorting

Customer-facing support flows

Auditing and compliance processes

The top industries relying on agentic systems

1

Financial services

Banks and financial services use agents to flag fraudulent transactions and automate manual processes.

- Detect and stop fraud
- Process financial applications
- Provide tailored recommendations
- Oversee compliance reporting

Agents in the wild

Mastercard's AI agent tailors recommendations to customers and can make purchases at their direction. ⁽¹⁾



2

Cybersecurity

Cybersecurity companies leverage agents to detect threats immediately and mitigate risks.

- Filter and prioritize security alerts
- Monitor behaviors and spot anomalies
- Isolate and investigate threats
- Test security controls and simulate attacks

Agents in the wild

CrowdStrike's autonomous detection triage agent provides over 98% accuracy and saves 40+ hours of work weekly. ⁽²⁾



3

Consumer services

Customer services (such as retail and hospitality) use agents to handle end-to-end customer support.

- Automate 24/7 support
- Personalize customer interactions
- Route and manage support tickets
- Escalate sensitive issues to humans

Agents in the wild

Wayfair's agent co-pilot helps human agents address customer needs 12% faster. ⁽³⁾



4

Manufacturing

Manufacturing businesses monitor equipment health and optimize logistics with agents.

- Predict equipment issues
- Schedule preventative maintenance
- Analyze order history and plan inventory
- Conduct quality control

Agents in the wild

Siemens uses AI agents to solve complex industrial tasks from resource allocation to equipment monitoring. ⁽⁴⁾



5

Software development

Software companies deploy agents to write code as well as perform tests and debugging.

- Generate and refactor code
- Build prototypes
- Perform tests and identify bugs
- Document project details

Agents in the wild

Walmart's developer agent automates routine coding tasks and speeds up application development. ⁽⁵⁾



Ready to work smarter with agentic AI?

Learn how to scale your agentic system without sacrificing performance or control.

Learn more

[Chat with us](#) to get started with Redpanda Agentic Data Plane

Sources:

- (1) [Mastercard press release on Agent Pay](#)
(2) [CrowdStrike press release on Charlotte AI Detection Triage](#)
(3) [Wayfair Tech blog on the evolution of Wilma](#)
(4) [Article on Siemens AI agents announcement](#)
(5) [Article on Walmart's developer AI agents](#)

These examples of AI "agents in the wild" are for illustrative purposes only. They do not constitute an endorsement of or infer use of Redpanda.