- *STUDENT NAME*: S.NANDHINI
- *NM ID*: F9OA1937E95647DA4494CF542A4C1234
- *DEPARTMENT*:BCA
- *COLLEGE NAME*: SRI BARATHI WOMEN'S ARTS AND SCIENCE COLLEGE
- *UNIVERSITY*: THIRUVALLUVAR UNIVERSITY

Artificial Intelligence in daily life

What is AI?

Artificial Intelligence (AI) refers to **machines performing tasks** that typically require human intelligence, including learning, reasoning, and problem-solving.

AI Technologies

MACHINE LEARNING

A method that enables systems to learn from **data patterns**.

NATURAL LANGUAGE PROCESSING

Technology that allows machines to understand and interpret **human language**.

COMPUTER VISION

The ability of computers to process and analyze **visual information**.

AI Adoption Statistics

Understanding the current trends in AI investments among businesses

Businesses investing in AI

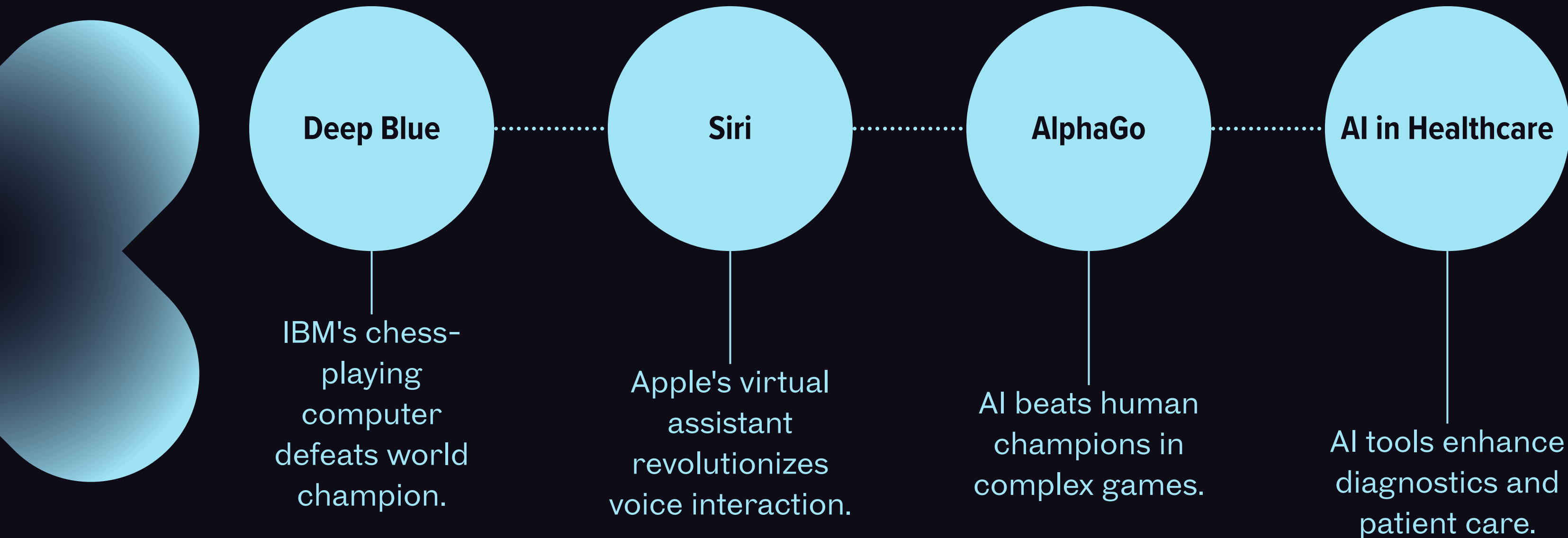## 75,000

Significant growth observed

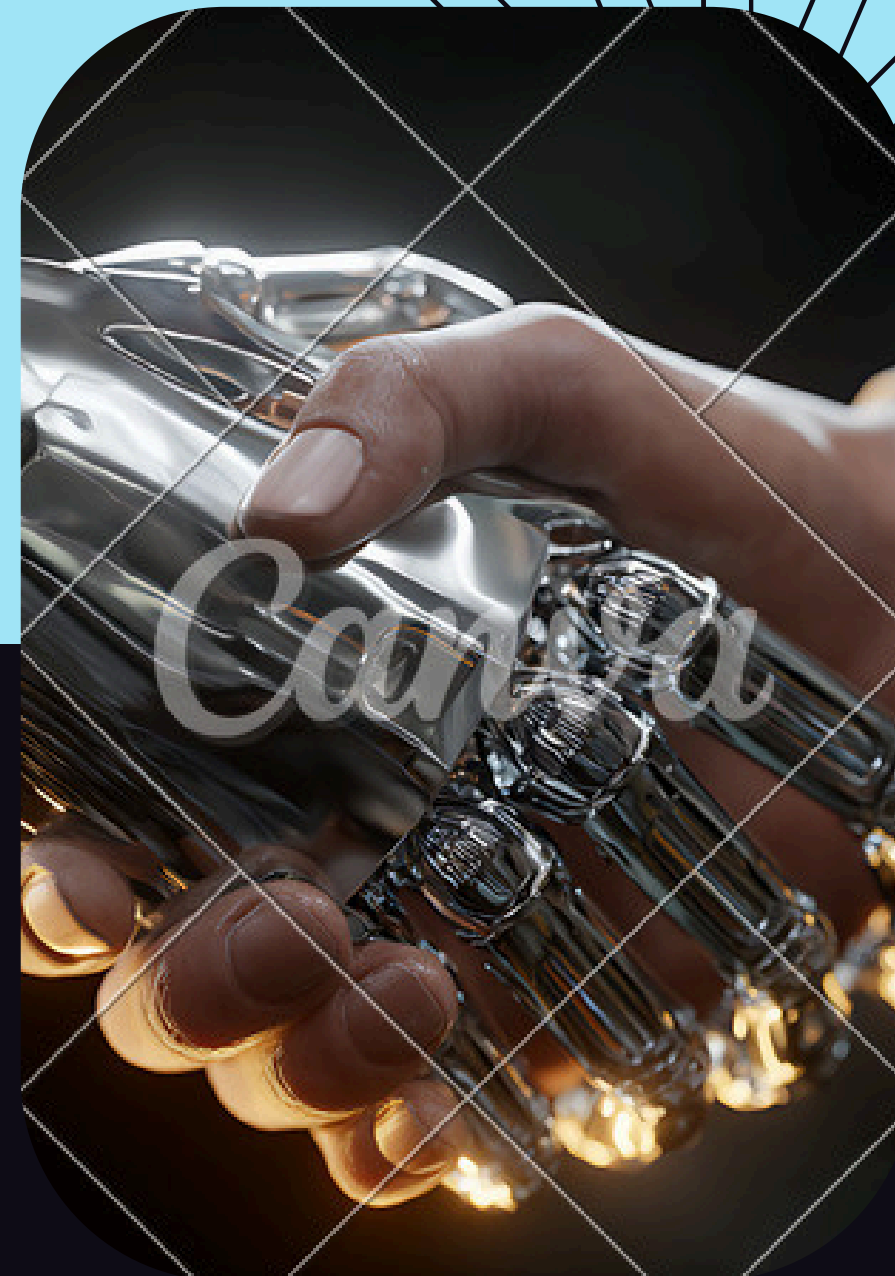**Executives prioritizing AI**

60%

Key focus for leaders

5

AI Development Timeline

Key milestones in artificial intelligence history

Deep Blue

Siri

AlphaGo

AI in Healthcare

IBM's chess-playing computer defeats world champion.

Apple's virtual assistant revolutionizes voice interaction.

AI beats human champions in complex games.

AI tools enhance diagnostics and patient care.

AI Applications Transforming Key Industries

Key Benefits of Artificial Intelligence

Explore the major advantages of AI technology

Enhanced Efficiency and Productivity

- Automates repetitive tasks and processes
- Saves time for critical thinking
- Increases output with fewer resources

Improved Accuracy and Cost Savings

- Reduces human error in operations
- Lowers costs for businesses significantly
- Provides data-driven decision making tools

Challenges in AI Implementation

Key obstacles to successful AI integration

- **Data privacy** concerns limit information sharing
- High **costs** can hinder project initiation
- **Talent shortage** affects project timelines significantly
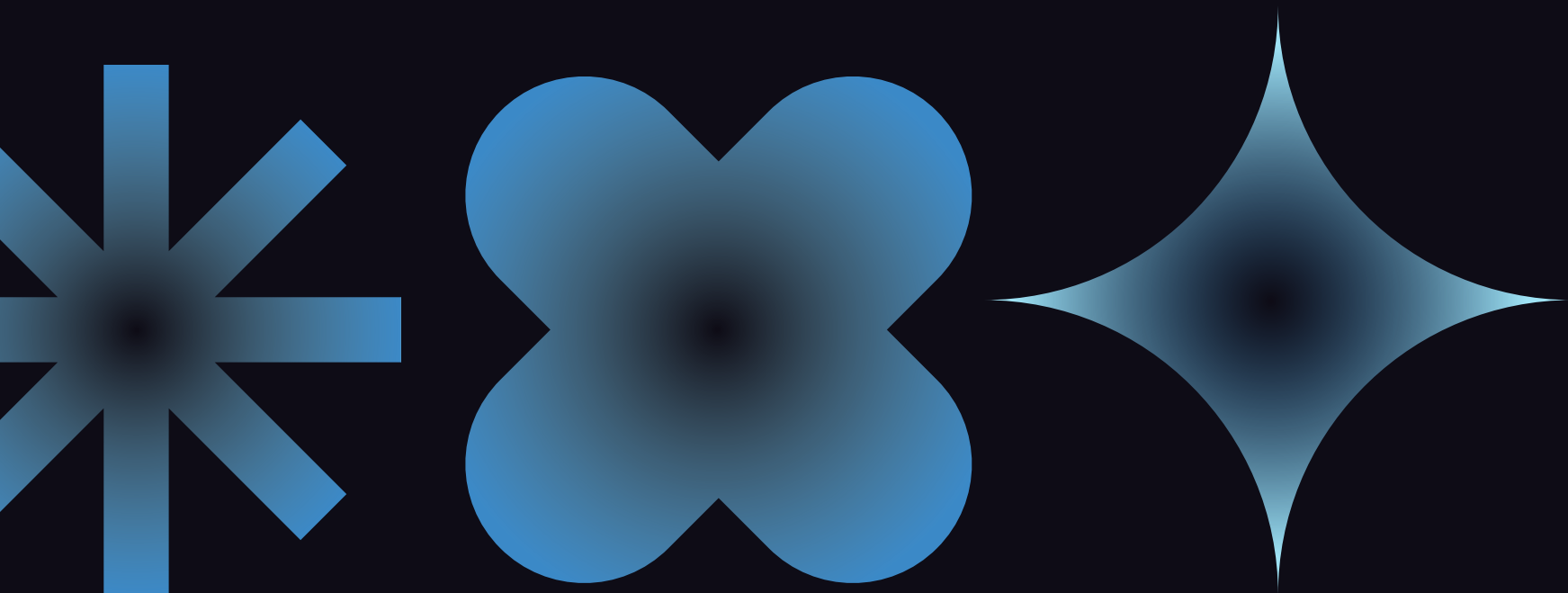- **Ethical concerns** raise questions about AI usage

190 billion

Global AI Market

The **AI market is rapidly expanding**, driven by technological advancements.

Key Concepts in AI

Supervised Learning

This method uses labeled data to train models for **accurate predictions**.

Unsupervised Learning

This approach analyzes data without labels to find **hidden patterns**.
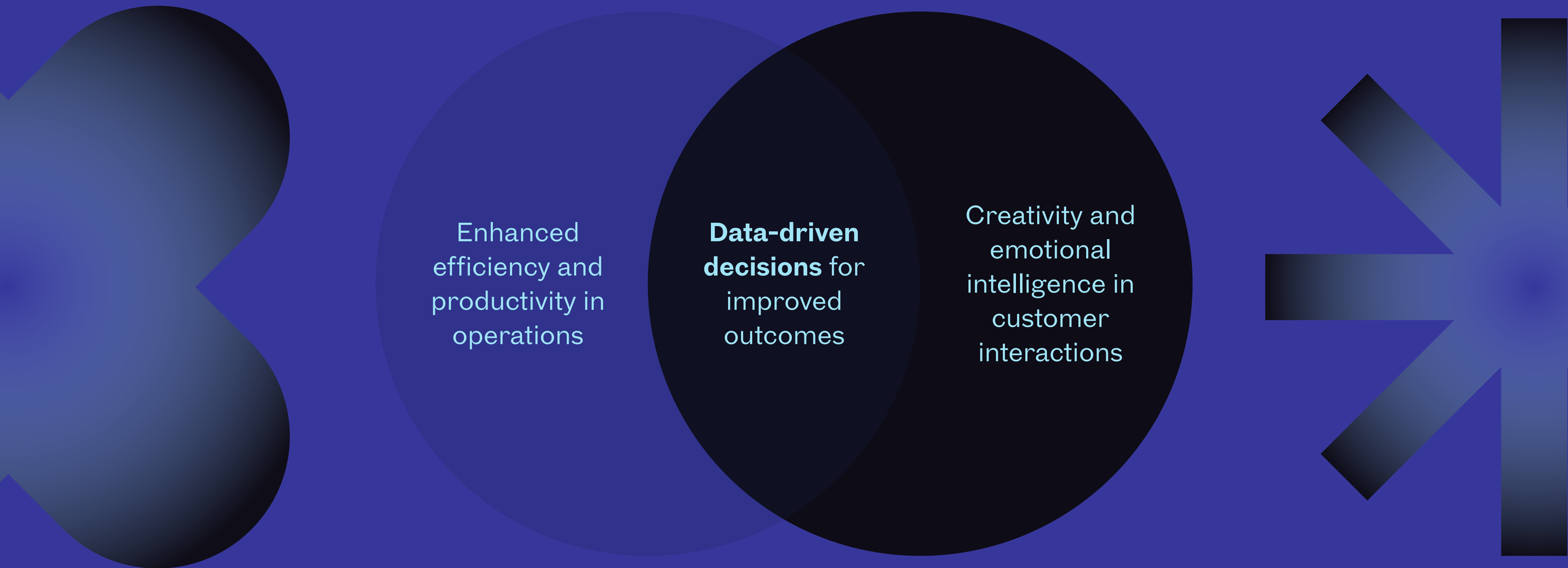
Reinforcement Learning

This technique teaches models through **trial and error**, optimizing actions for rewards.

AI VS. HUMAN INTELLIGENCE

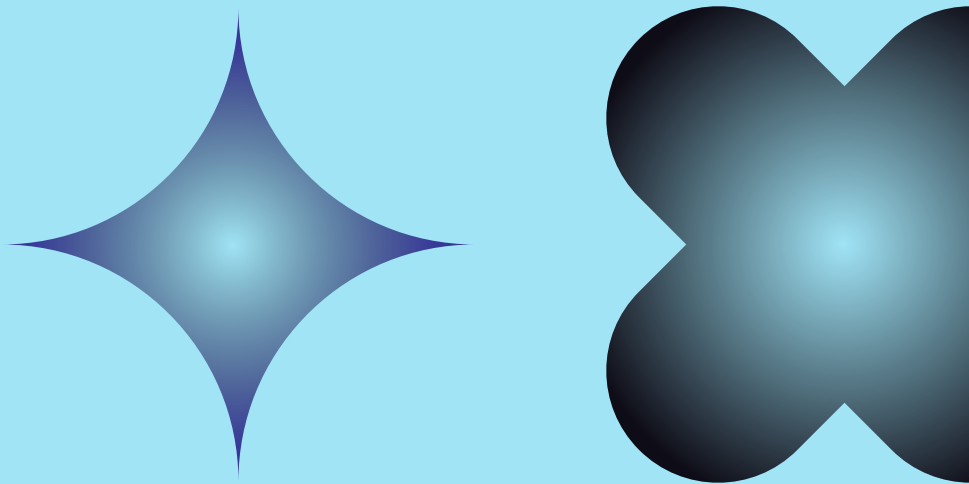| SUBHEAD	SUBHEAD	SUBHEAD
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12

AI and Human Insight

Enhanced efficiency and productivity in operations

Data-driven decisions for improved outcomes

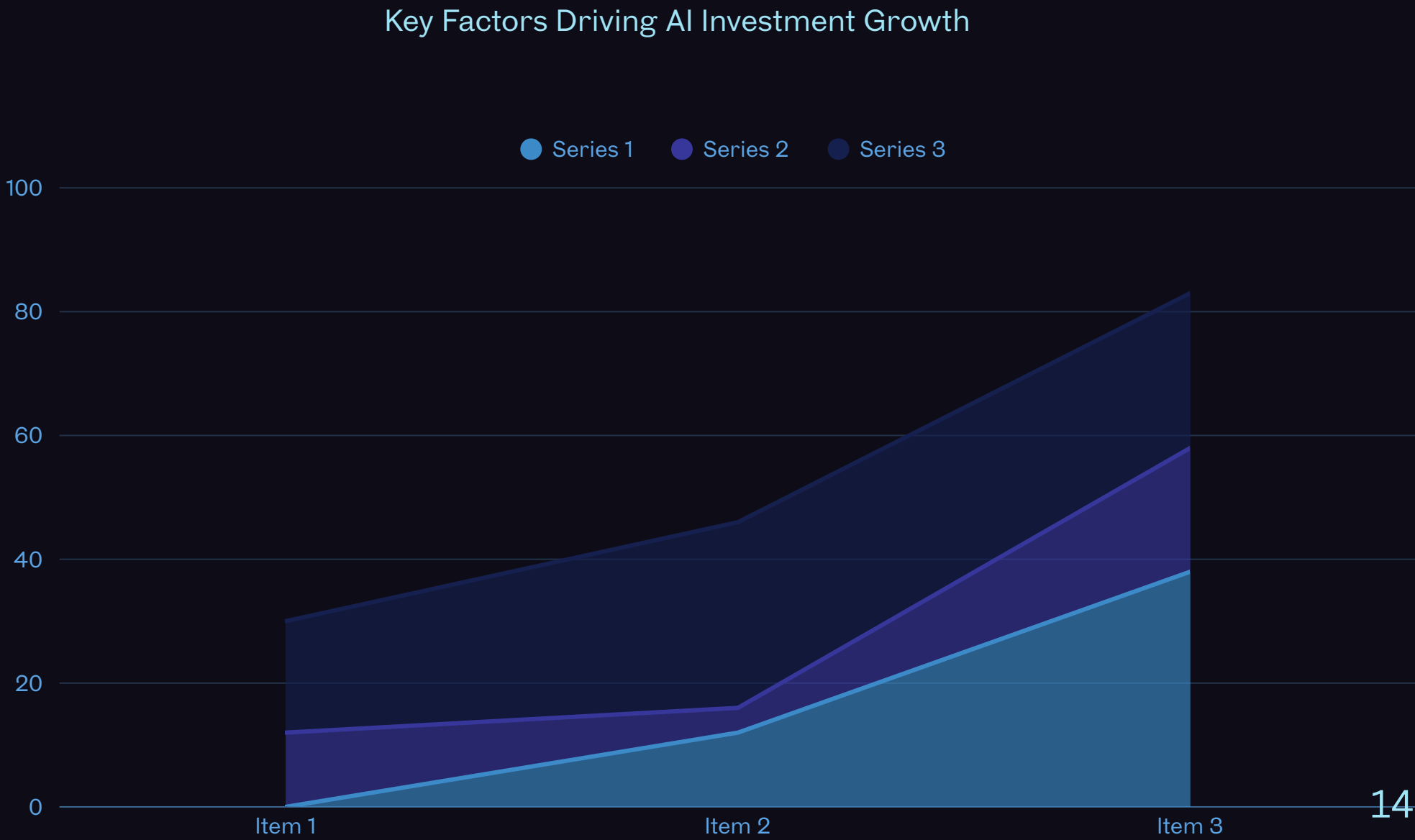Creativity and emotional intelligence in customer interactions

This diagram illustrates the **synergy** between AI and human insights.
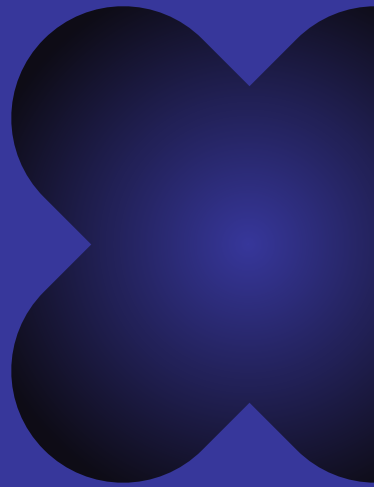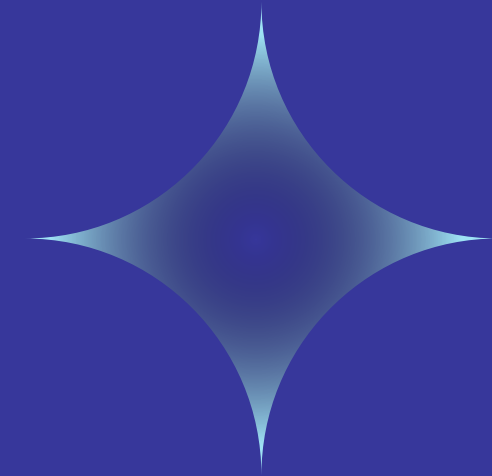
AI INVESTMENTS GROWTH OVER FIVE YEARS

The area chart illustrates a **steady increase** in AI investments, highlighting significant growth in the last two years. This trend reflects rising market confidence and technological advancements in the AI sector.
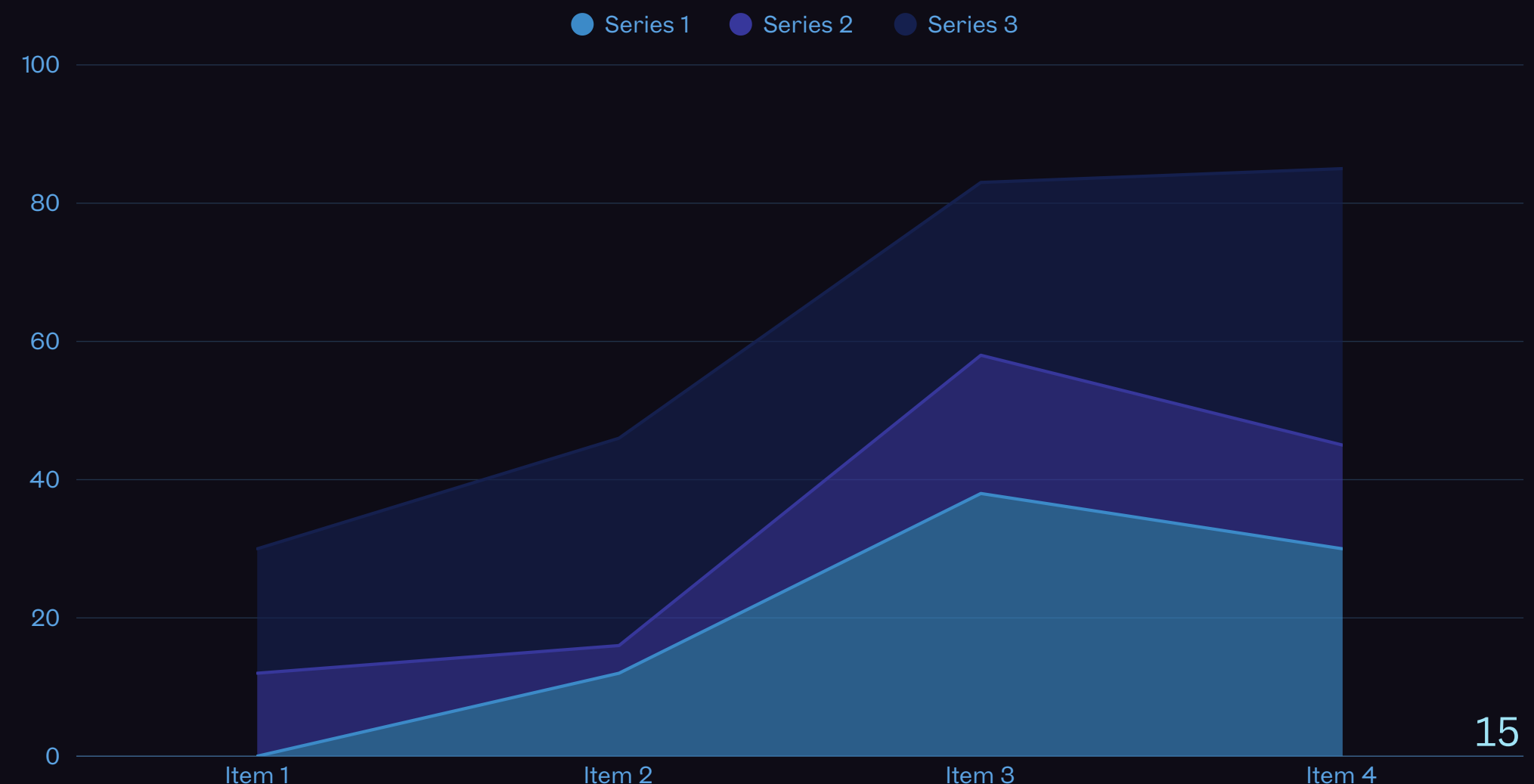
Key Factors Driving AI Investment Growth

● Series 1 ● Series 2 ● Series 3
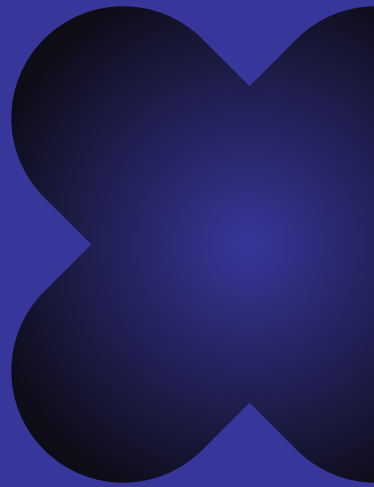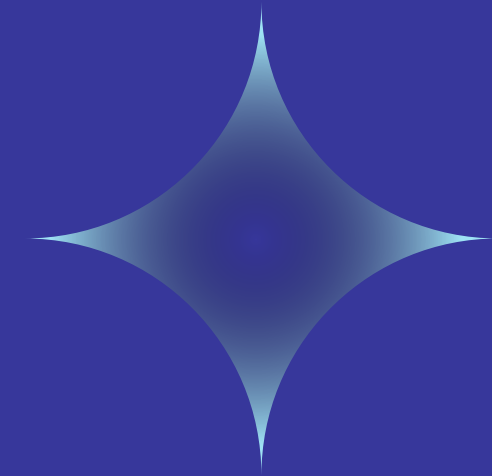
14

AI'S IMPACT ON EMPLOYMENT

The area chart illustrates a **clear trend** where jobs created by AI technology are steadily increasing, while jobs displaced are also on the rise, indicating a **shifting job landscape**.

Understanding the balance between creation and displacement
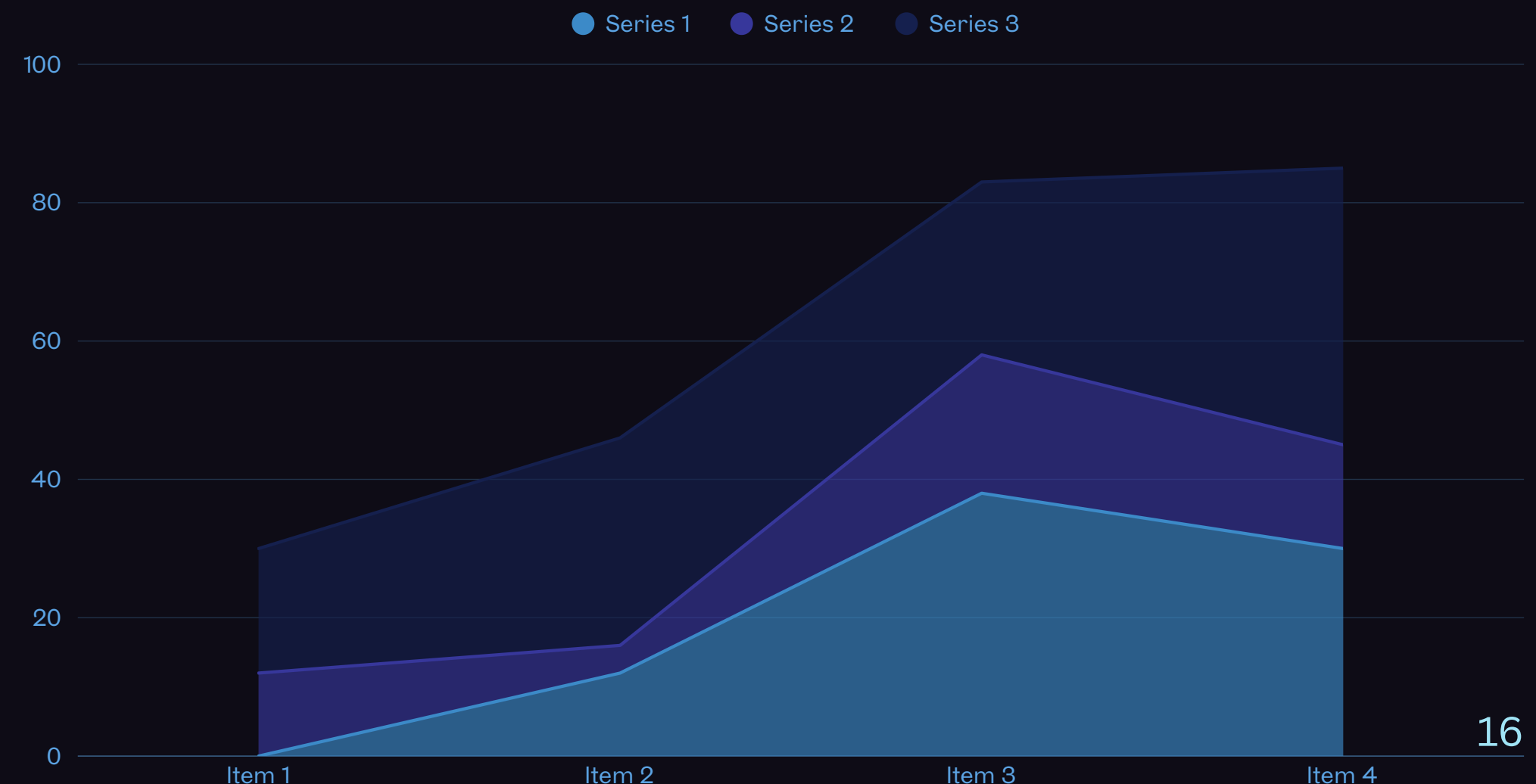
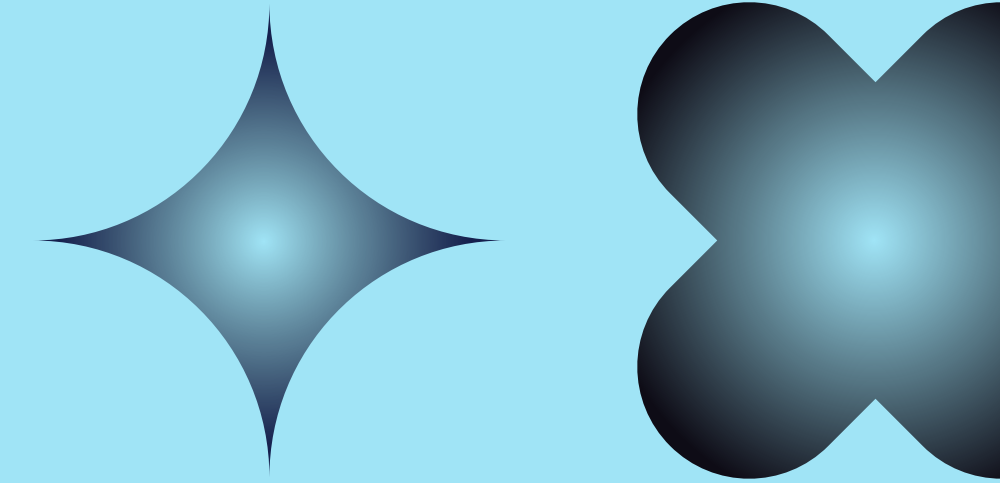● Series 1 ● Series 2 ● Series 3

AI IN CONSUMER PRODUCTS

The area chart illustrates a **steady increase** in AI integration across various consumer products over the years, highlighting significant growth in **smart home devices** and personal assistants.

Understanding the rise of AI technologies in daily life

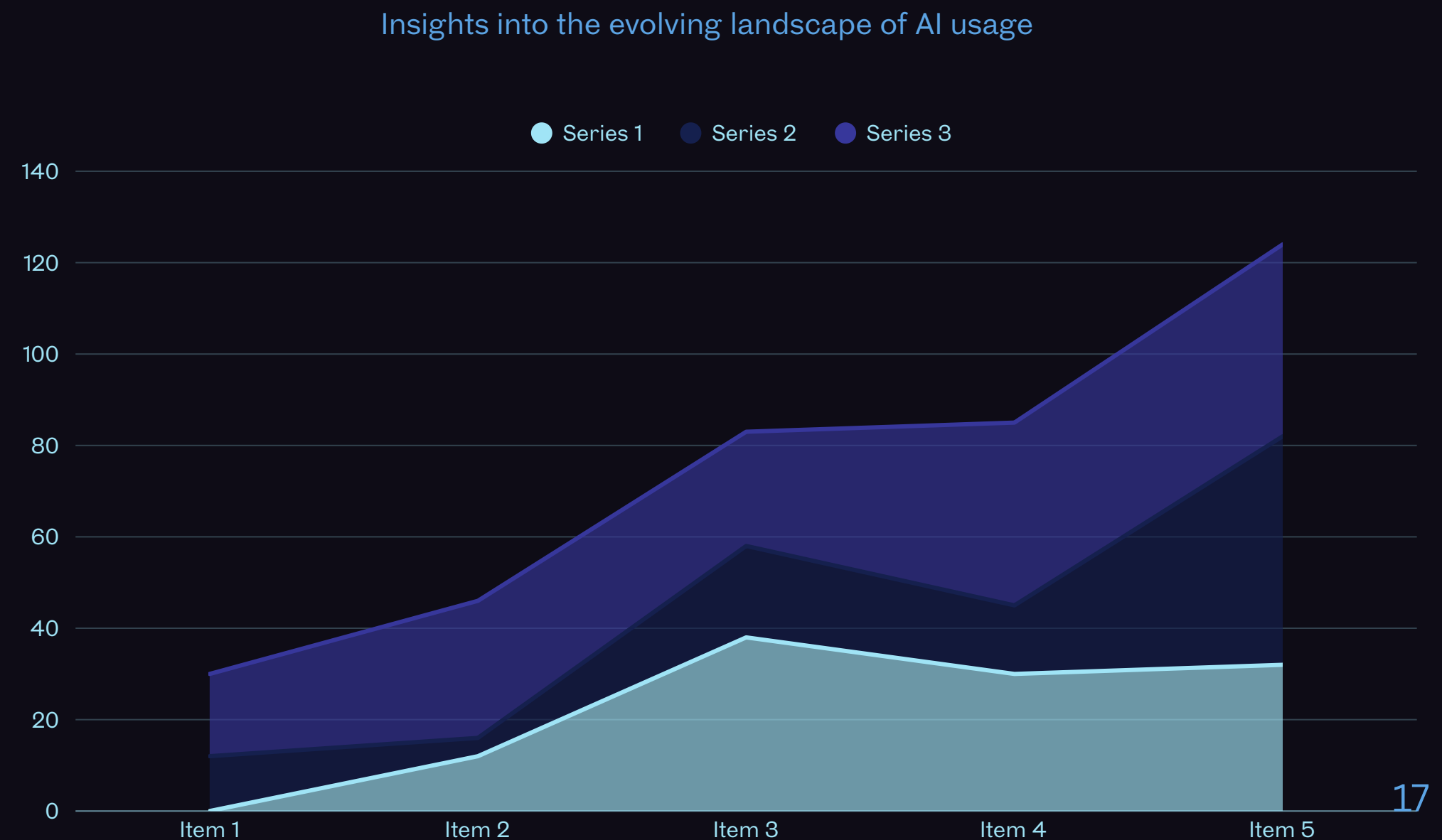● Series 1   ● Series 2   ● Series 3

FUTURE AI APPLICATIONS

The area chart illustrates **growing trends** in AI applications across sectors, highlighting significant increases in healthcare, finance, and transportation. This indicates a future where AI plays a crucial role in various industries.

Insights into the evolving landscape of AI usage

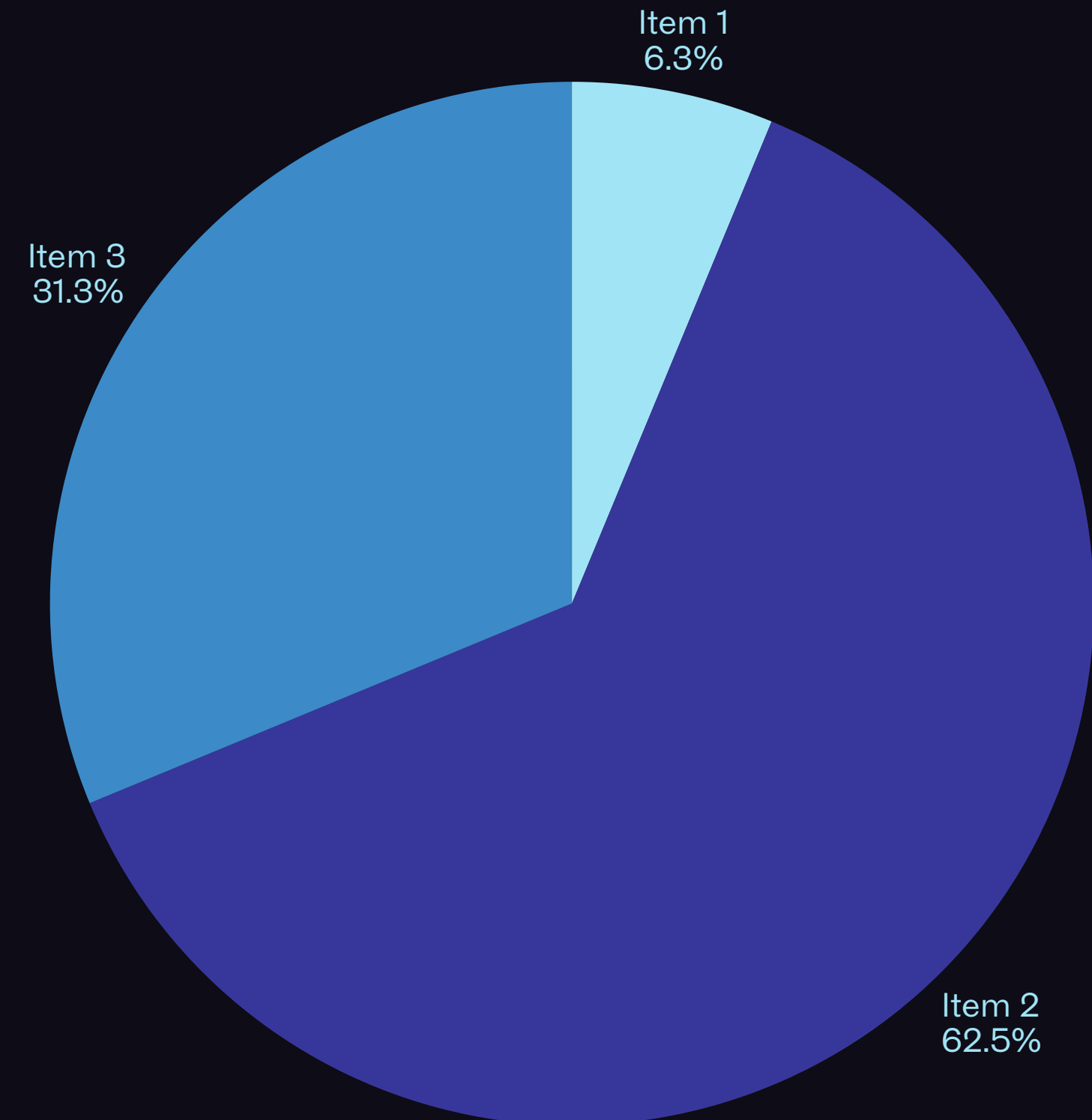● Series 1   ● Series 2   ● Series 3

AI Applications in Healthcare

The pie chart illustrates that **diagnostic tools** dominate AI use, followed by **treatment personalization** and **administrative tasks**, underscoring the technology's significant impact on patient outcomes.
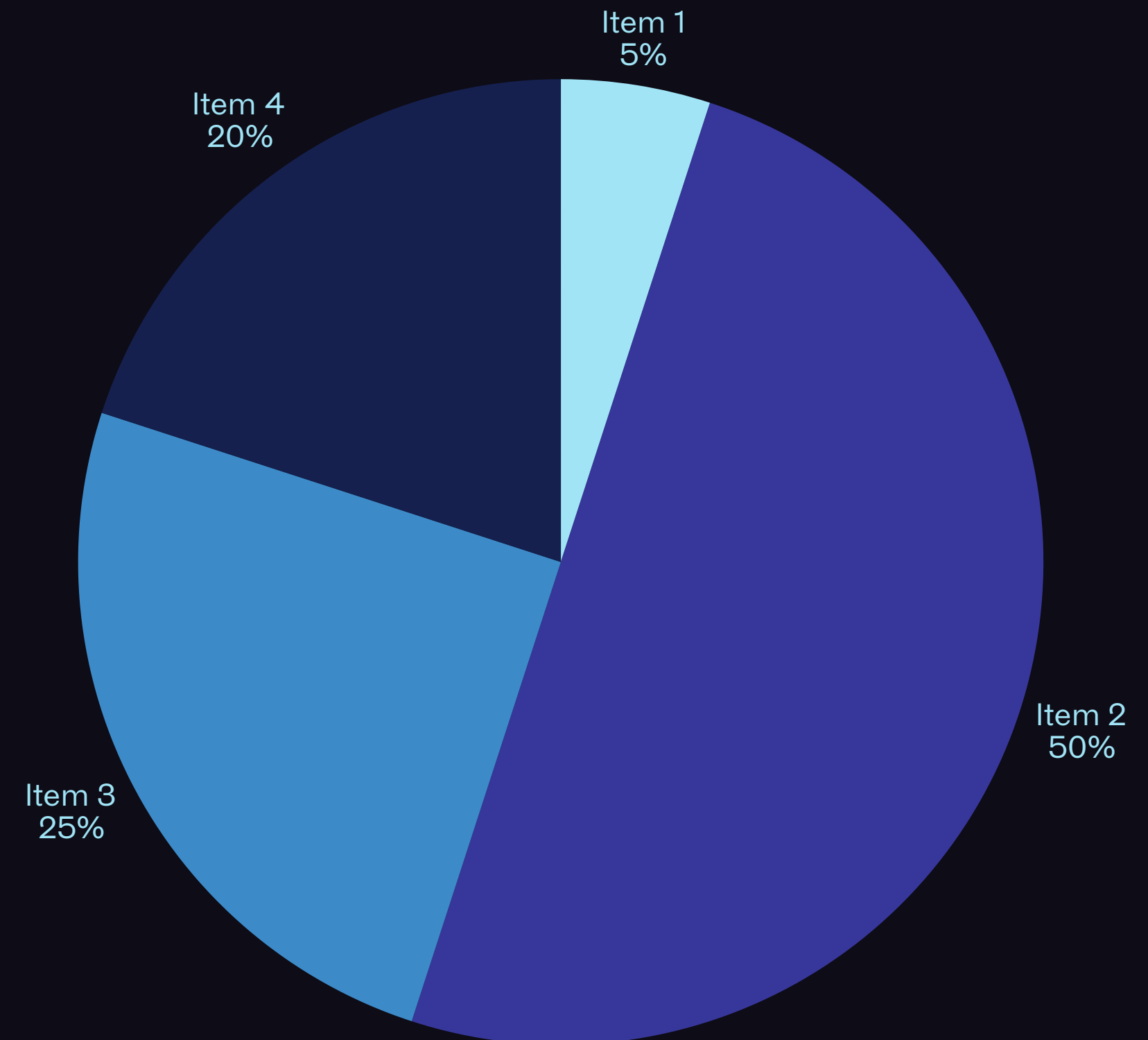
Item 1
6.3%

Item 3
31.3%

Item 2
62.5%

AI's Impact on Finance Technology

The chart illustrates how AI optimizes investment strategies, enhances risk assessment, and improves decision-making, driving significant efficiencies and competitive advantages in the finance sector.
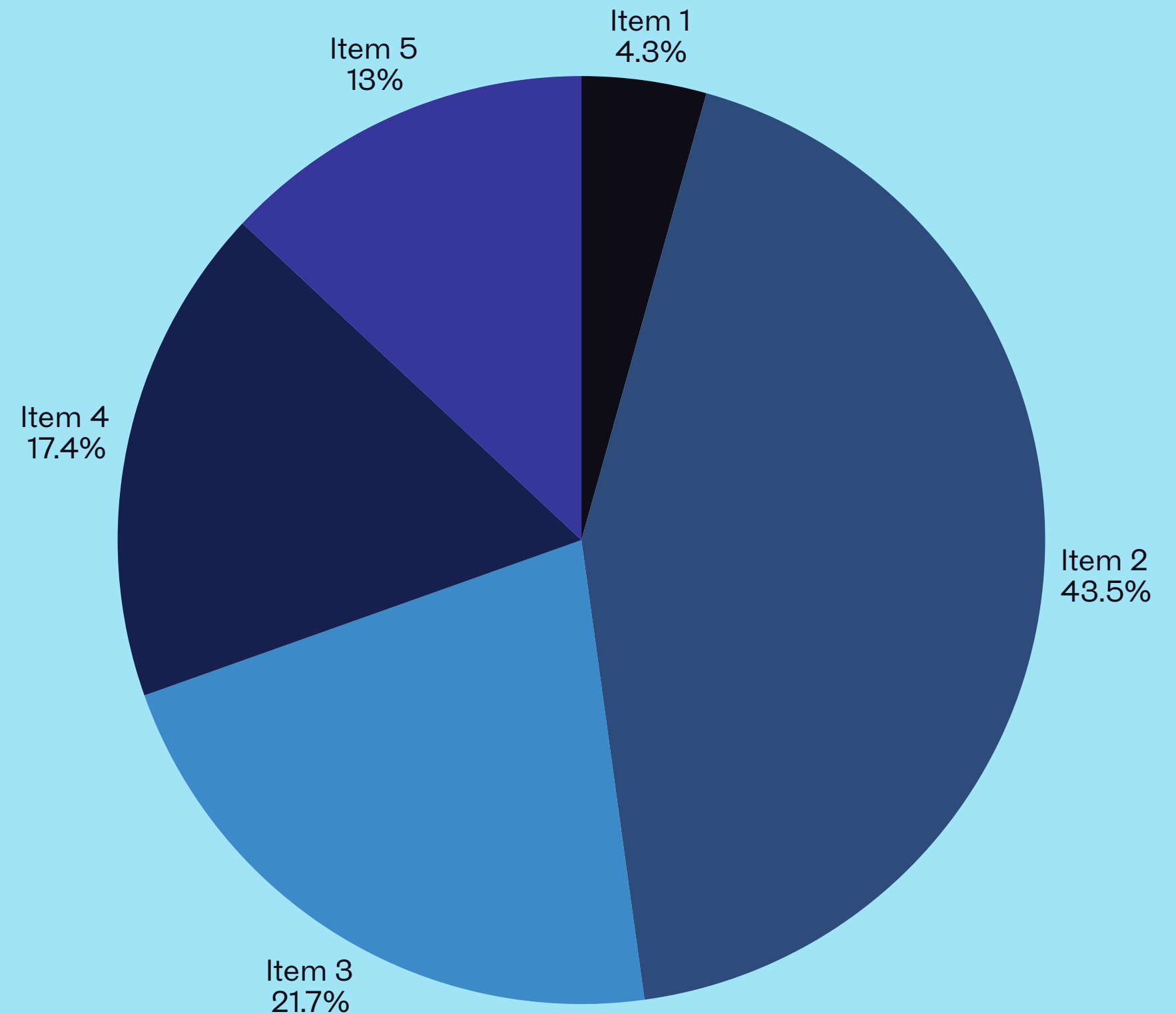
Item 1
5%

Item 4
20%

Item 2
50%

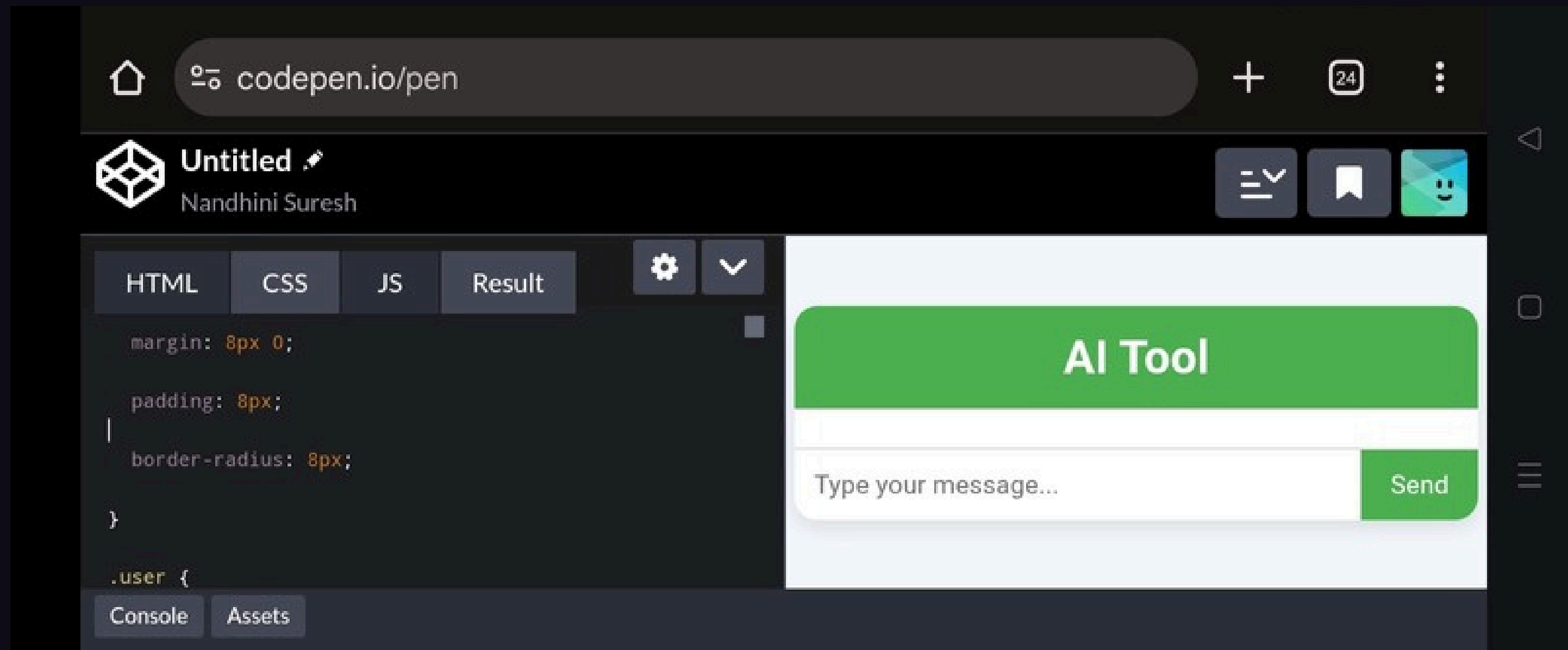Item 3
25%

Benefits of AI in Education

The pie chart illustrates how **personalized learning** enhances student engagement, boosts performance, and fosters creativity across various educational sectors, indicating a significant trend in modern education.

Exploring the diverse impacts of AI technology

Item 1
4.3%

Item 5
13%

Item 4
17.4%

Item 2
43.5%

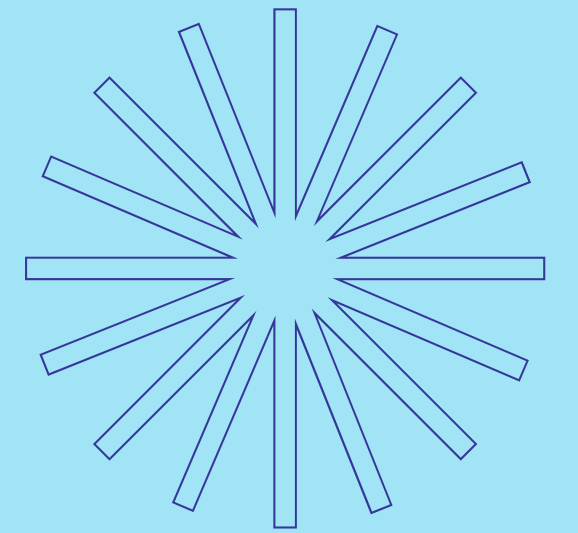Item 3
21.7%

20

20

Result And Screenshot

Conculusion

The end goal of artificial
intelligence is to create systems and
machines that can perform tasks
that typically require human intelligence.

THANK
YOU