

## HOW AI IS CHANGING THE WAY WE READ

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**Abstract.** The article depicts the AI tools to help the learners of different levels to engage in reading and benefit from it.

**Keywords:** Reading comprehension, new technologies, AI, digital tools for reading, independent reading habits.

### INTRODUCTION.

In our fast-paced digital world, the way we read and absorb information is constantly evolving. Traditional reading methods are being enhanced—and sometimes even transformed—by exciting new technologies. One of the most impactful advancements in this area is Artificial Intelligence (AI). This technology has the power to reshape how we develop our reading skills by offering personalized learning experiences, providing instant feedback, and giving us access to a wealth of resources. In this article, we'll explore how AI is helping us become better readers and what this means for our future.

### How AI Helps Us Read Better

AI improves our reading skills in several engaging ways that cater to different learning styles.

1. **Personalized Learning Tools:** There are many AI-driven platforms like Raz-Kids and ReadingIQ that tailor reading materials to each individual's level and interests. These platforms use smart algorithms to assess how well you're doing and adjust the content accordingly. This means you'll always find something that's just right for you—challenging enough to keep you engaged but not so difficult that it feels overwhelming.
2. **Understanding Language:** Natural Language Processing (NLP) is a branch of AI that helps computers understand and generate human

language. Tools like Grammarly and Hemingway Editor not only assist with writing but also boost reading comprehension. They highlight complex sentences and suggest simpler alternatives, making it easier to grasp challenging concepts. This kind of immediate feedback can significantly enhance your understanding of a text.

3. **Interactive Reading Assistants:** Virtual assistants powered by AI can read texts aloud, provide definitions, and summarize information on demand. Apps like Google Assistant and Siri allow you to engage with texts in real-time. For example, if you come across a word you don't know, you can simply ask for its meaning, which helps expand your vocabulary and deepen your understanding.

4. **Making Reading Fun:** Many AI-powered reading apps incorporate game-like elements to make learning more enjoyable. Platforms like Epic! and Starfall use rewards, challenges, and interactive storytelling to keep young readers engaged. By turning reading into a fun activity, these apps encourage kids to pick up a book (or an app) more often.

5. **Smart Data Insights:** AI tools analyze your reading habits to identify patterns in your comprehension and areas where you might need extra help. Educators can use this data to customize their teaching strategies, ensuring that lessons meet the specific needs of each student.

## The Benefits of AI in Reading

The integration of AI into reading skill development comes with many advantages. For starters, personalized learning experiences cater to students with different backgrounds and abilities, allowing everyone to progress at their own pace. This is especially helpful in classrooms where students may have varying levels of proficiency. Additionally, the instant feedback provided by AI tools creates a more responsive learning environment. You can correct mistakes right away instead of waiting for a test or assignment to be graded, leading to better retention of information and increased confidence in your reading abilities. AI also makes reading resources more accessible. Students from various socio-economic backgrounds can take advantage of free or low-cost applications that offer high-quality content, leveling the educational playing field. These tools often feature diverse materials that reflect different cultures and perspectives, promoting inclusivity in reading practices.

However, it's important to be mindful of the potential downsides of relying too heavily on technology. While AI can enhance learning, it shouldn't replace the critical thinking and analytical skills that come from traditional reading practices. Educators need to find a balance between using AI tools and encouraging independent reading habits. Moreover, as schools adopt AI technologies, concerns about data privacy and security arise. Protecting student data while using analytics for improvement is crucial for maintaining trust in these systems.

## Conclusion

Artificial Intelligence is changing the way we approach reading skill development in exciting ways. Through personalized learning platforms, natural language processing tools, interactive assistants, gamification strategies, and data analytics, AI offers innovative solutions that can

enhance literacy education. While there are challenges to consider, the potential benefits of AI in helping us become better readers are significant. As we move forward, it's essential for educators, parents, and policymakers to embrace these technologies thoughtfully, ensuring they complement traditional methods rather than replace them. By using AI responsibly, we can create a future where every learner has the tools they need to thrive as proficient readers.

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