

**PENGARUH MEDIA BERBASIS *ARTIFICIAL INTELLIGENCE* (AI)
TERHADAP KEMAMPUAN NUMERASI PADA SISWA KELAS III
SEKOLAH DASAR**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh media pembelajaran berbasis *Artificial Intelligence* (AI) terhadap kemampuan numerasi siswa kelas III SDN Karangpawitan 1. Penelitian ini menggunakan metode kuantitatif dengan desain *one group pretest-posttest*. Sampel berjumlah 34 siswa dan instrument berupa tes numerasi materi penyajian data. Hasil menunjukkan peningkatan nilai rata-rata dari 69,59 (*pretest*) menjadi 86,68 (*posttest*). Uji *paired sample t-test* menunjukkan nilai signifikansi $0,000 < 0,05$, yang berarti terdapat perbedaan signifikan. Uji N-Gain menunjukkan skor 0,56 (kategori sedang). Berdasarkan hasil tersebut, dapat disimpulkan bahwa penggunaan media pembelajaran berbasis *Artificial Intelligence* (AI) memberikan pengaruh yang signifikan dalam meningkatkan kemampuan numerasi siswa sekolah dasar, terutama dalam materi penyajian data.

Kata kunci: *Artificial Intelligence* (AI), kemampuan numerasi, video animasi, sekolah dasar.

***THE EFFECT OF ARTIFICIAL INTELLIGENCE (AI) BASED MEDIA ON
NUMERACY SKILLS IN GRADE III ELEMENTARY SCHOOL STUDENT***

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ABSTRACT

This study aims to determine the effect of Artificial Intelligence (AI)-based learning media on the numeracy skills of third-grade students at SDN Karangpawitan 1. The research employed a quantitative method with a one-group pretest-posttest design. The sample consisted of 34 students, and the instrument used was a numeracy test focused on data presentation material. The results showed an increase in the average score from 69.59 (pretest) to 86.68 (posttest). The paired sample t-test revealed a significance value of $0.000 < 0.05$, indicating a significant difference. The N-Gain test showed a score of 0.56, which falls into the moderate category. Based on these results, it can be concluded that the use of Artificial Intelligence (AI)-based learning media has a significant impact on improving elementary school students' numeracy skills, particularly in the topic of data presentation.

Keywords: Artificial Intelligence (AI), numeracy skills, animated video, elementary school.