

ABSTRAK

Naillah Wanza Zein Hasibuan, NIM : 7213344032, Pengaruh Penggunaan Artificial Intelligence (AI) Dan Kualitas Belajar Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Dasar – Dasar Program Keahlian (DDPK) Manajemen Perkantoran Kelas X MP Di SMK Swasta Budi Agung Medan, Skripsi, Jurusan Ekonomi, Program Studi Pendidikan Administrasi Perkantoran, Fakultas Ekonomi, Universitas Negeri Medan 2026.

Perkembangan teknologi yang pesat telah mendorong integrasi Artificial Intelligence (AI) dalam dunia pendidikan. Berdasarkan hasil observasi dan wawancara di SMK Swasta Budi Agung Medan, diketahui bahwa sebagian besar peserta didik kelas X MP telah memanfaatkan AI dalam proses pembelajaran, terutama dalam menyelesaikan tugas, mencari informasi, dan memahami materi pelajaran. Pemanfaatan AI terbukti memberikan kemudahan dan efektivitas dalam belajar, meskipun masih terdapat beberapa peserta didik yang kurang percaya diri dalam mengintegrasikan AI secara lebih kompleks karena keterbatasan pengetahuan dan kekhawatiran terhadap kesalahan teknologi. Data nilai ulangan harian menunjukkan bahwa siswa memiliki capaian hasil belajar yang cukup baik, dengan rata-rata nilai sebesar 77,39%.

Hasil penelitian ini menunjukkan bahwa, hasil uji t (parsial) Penggunaan Artificial Intelligence (X1) berpengaruh positif dan signifikan terhadap Hasil Belajar (Y) dengan memperoleh nilai $t_{hitung} > t_{tabel}$ ($20.545 > 0.0696$) dengan signifikansi $0,001 < 0,05$ dengan taraf signifikansi 95% dan alpha 5%. Kemudian Kualitas Belajar (X2) berpengaruh positif dan signifikan terhadap Hasil Belajar (Y) dengan memperoleh nilai $t_{hitung} > t_{tabel}$ ($19.401 > 0,696$) dengan signifikansi $0,001 < 0,05$ dengan taraf signifikansi 95% dan alpha 5%. Untuk hasil uji f (Simultan) mendapatkan hasil bahwa $f_{hitung} > f_{tabel}$ (X1) terhadap Y ($10.093 > 1.66757$) serta nilai sig = $0,001 < 0,05$ dan $f_{hitung} > f_{tabel}$ (X2) terhadap Y ($13.451 > 1.66757$) dan taraf signifikan $\alpha 0,000 < 0,05$. Dengan perolehan nilai koefisien determinasi (R^2) sebesar 0,932 atau $R^2 = 0,932 \times 100\% = 93,2\%$. Dari hasil penelitian dapat disimpulkan bahwa terdapat pengaruh Penggunaan Artificial Intelligence (AI) dan Kualitas Belajar Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Dasar – Dasar Program Keahlian (DDPK) Manajemen Perkantoran Kelas X MP Di SMK Swasta Budi Agung Medan sebesar 93,2%.

Kata Kunci: Artificial Intelligence, Kualitas Belajar, Hasil Belajar, MP

ABSTRACT

Naillah Wanza Zein Hasibuan, NIM. 7213344032, The Influence of Artificial Intelligence (AI) Usage and Learning Quality on Student Learning Outcomes in the Subject of Fundamentals of Vocational Expertise Program (DDPK) in Office Management for Class X MP at SMK Swasta Budi Agung Medan, Thesis, Department of Economics, Study Program of Office Administration Education, Faculty of Economics, Universitas Negeri Medan, 2026.

The rapid development of technology has driven the integration of Artificial Intelligence (AI) into the field of education. Based on observations and interviews conducted at SMK Swasta Budi Agung Medan, it was found that most students of Class X MP have utilized AI in the learning process, especially in completing assignments, searching for information, and understanding learning materials. The use of AI has proven to provide ease and effectiveness in learning, although there are still some students who lack confidence in integrating AI in more complex ways due to limited knowledge and concerns about technological errors. The daily test score data shows that students have relatively good learning outcomes, with an average score of 77.39%.

The results of this study indicate that, based on the t-test (partial), the use of Artificial Intelligence (X1) has a positive and significant influence on Learning Outcomes (Y), with a calculated t-value greater than the critical t-value ($20.545 > 0.0696$) and a significance level of $0.001 < 0.05$ at a 95% confidence level and 5% alpha. Likewise, Learning Quality (X2) has a positive and significant effect on Learning Outcomes (Y), with a calculated t-value greater than the critical t-value ($19.401 > 0.696$) and a significance level of $0.001 < 0.05$ at a 95% confidence level and 5% alpha. The F-test (simultaneous) results show that the calculated F-value is greater than the F-table value for the influence of X1 on Y ($10.093 > 1.66757$), with a significance level of $0.001 < 0.05$, and for X2 on Y ($13.451 > 1.66757$) with a significance level of $0.000 < 0.05$. The coefficient of determination (R^2) obtained is 0.932 or $R^2 = 0.932 \times 100\% = 93.2\%$. From the results of this study, it can be concluded that there is a 93.2% influence of the Use of Artificial Intelligence (AI) and Learning Quality on Student Learning Outcomes in the subject of Fundamentals of Vocational Expertise Program (DDPK) in Office Management for Class X MP at SMK Swasta Budi Agung Medan.

Keywords: *Artificial Intelligence, Learning Quality, Learning Outcomes, MP*