

**THE IMPACTS OF AI-PERPLEXITY ON STUDENTS'
WRITING COMPETENCE AND MOTIVATION**



A Thesis

**Presented to the Board of Examiners In Partial Fulfilment of the Requirements
For the Master's Degree in English Education**

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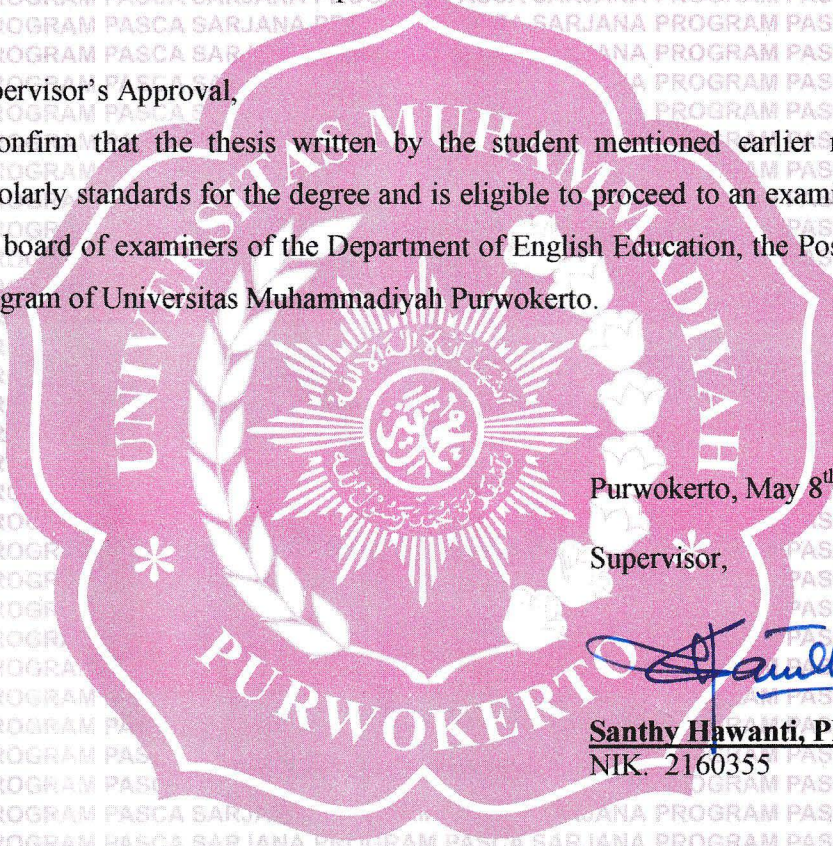
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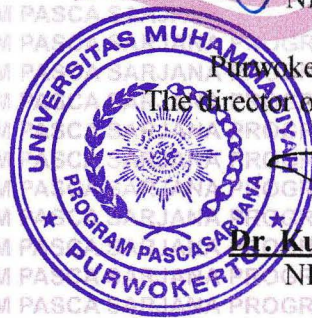
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DEDICATION

Praise be to ALLAH SWT who has blessed me with the strength to finish this education.

This thesis is dedicated to my gorgeous parents, Hj. Tutut Nawang Triwulandari and H. Ferry Suhito, who has provided me with the chance and full support to pursue this education. I never dreamed I'd be at this point, finishing my education in my current situation. Thank you for always being present in my challenging situations and listening to the many things that cause you worry. This journey gives us a new chapter in our lives.

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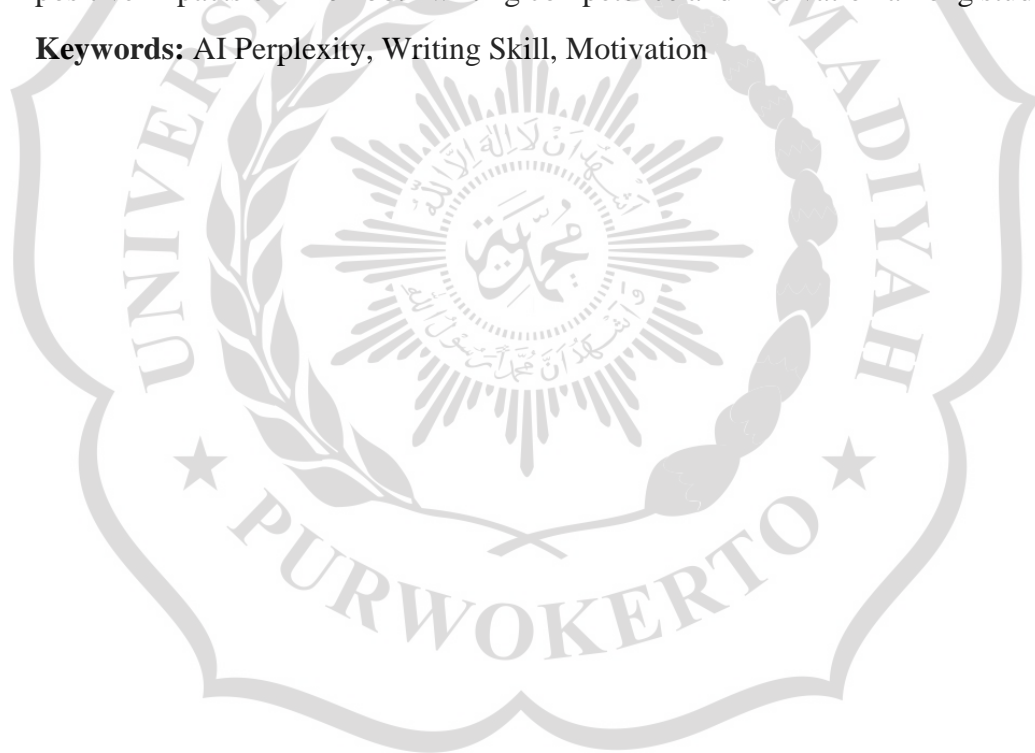
For all of my friends in this education program. You are so amazing and very motivating to work so hard to complete this course despite you have busy schedule. You always have strong lines of encouragement for one another.

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ABSTRACT

This study investigates the impact of AI on eleventh-grade students' writing competence and motivation at a State Vocational High School. The research, conducted as an experimental study with both experimental and control groups, utilized tests (pre-test and post-test) and a questionnaire as research instruments. Statistical analysis using a T-test indicated that the average writing competence of the experimental group (84.85) surpassed that of the control group (80.35), showcasing a positive influence of integrating Perplexity in instruction. Furthermore, the questionnaire findings highlighted significant differences in motivation levels between the two groups. Specifically, students in the experimental group demonstrated higher motivation across three key aspects: self-efficacy beliefs (82%), self-regulation (84%), and enjoyment in writing (85%). These percentages, indicating strong motivation (81%-100%), underscore the dual positive impacts of AI on both writing competence and motivation among students.

Keywords: AI Perplexity, Writing Skill, Motivation



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May 8th, 2024

Eka Noviyanti

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