

Assessor's Report PGISP9.400 Independent Scholarly Project

Independent Scholarly Project Title: Generative AI for Cybersecurity Threat Detection

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ABSTRACT

Abstract is clear, concise and engaging. Research question/s and/or hypothesis/es are clearly and concisely articulated. Methods, major findings and conclusions are clearly and coherently presented.	Abstract is clear and engaging. Research question/s and/or hypothesis/es are clearly articulated. Methods, major findings and conclusions are clearly presented.	Abstract is clear. Research question/s and/or hypothesis/es are articulated. Most aspects of methods, major findings and conclusions are presented.	Abstract is not clear. Research question/s and/or hypothesis/es are not clearly articulated. Few aspects of methods, major findings and conclusions are presented.
A range	B range	C range	D/E

INTRODUCTION

Relevant background information is clearly and coherently articulated. The purpose, context and rationale of the study are clearly and coherently articulated. The research question/s being addressed and/or the hypothesis/es being tested are definitive, appropriate, and clearly and comprehensively described.	Relevant background information is clearly articulated. The purpose, context and rationale of the study are clearly articulated. The research question/s being addressed and/or the hypothesis/es being tested are clearly described.	Background information is given. The purpose, context and rationale of the study are given. The research question/s being addressed and/or the hypothesis/es being tested are described.	Background information is insufficient. The purpose and/or context and/or rationale of the study are not clear. The research question/s being addressed and/or the hypothesis/es being tested are not clearly described.
A range	B range	C range	D/E

SYSTEMATIC LITERATURE REVIEW METHOD

<p>Methods are presented in a comprehensive step-wise manner that facilitates replication of the research.</p> <p>All relevant details of the SLR, procedures, ethics and analysis are comprehensively articulated and justified.</p>	<p>Methods are presented in step-wise manner.</p> <p>Relevant details of the SLR, procedures, ethics and analysis are clearly articulated and justified.</p>	<p>Methods are presented in step-wise manner.</p> <p>Relevant details of procedures, ethics and analysis are given.</p>	<p>Methods are not presented in a manner that facilitates replication of the research.</p> <p>Few relevant details of, procedures, ethics and data analysis are given.</p>
A range	B range	C range	D/E

LITERATURE REVIEW

<p>Information from sources is clearly and succinctly summarised and insightfully synthesised.</p> <p>Gaps in the literature and/or limitations of research are clearly identified and discussed.</p> <p>Relevance of all sources is clearly and succinctly articulated.</p> <p>Review is logically organised so as to ease reading and demonstrate thorough understanding of the topic.</p>	<p>Information from sources is clearly summarised and synthesised.</p> <p>Gaps in the literature and/or limitations of research are identified.</p> <p>Relevance of all sources is clearly articulated.</p> <p>Review is organised so as to ease reading and demonstrate understanding of the topic.</p>	<p>Information from sources is mostly clearly summarised.</p> <p>Some gaps in the literature and/or limitations of research are identified.</p> <p>Relevance of most sources is clearly articulated.</p> <p>Review is mostly organised so as to ease reading and demonstrate understanding of the topic.</p>	<p>Information from sources is not clearly summarised or synthesised.</p> <p>Some gaps in the literature and/or limitations of research are identified.</p> <p>Relevance of sources is not clearly articulated.</p> <p>Review is not organised so as to ease reading, and demonstrates little understanding of the topic.</p>
A range	B range	C range	D/E

DISCUSSION

<p>All main findings and limitations are coherently and comprehensively discussed.</p> <p>Conclusions are clearly and coherently stated with explicit reference to relevant data.</p> <p>Arguments supporting conclusions are comprehensively justified.</p> <p>Conclusions are clearly related to published findings and the</p>	<p>Main findings and limitations are comprehensively discussed.</p> <p>Conclusions are clearly stated with explicit reference to relevant data.</p> <p>Arguments supporting conclusions are well justified.</p> <p>Conclusions are clearly related to published findings.</p>	<p>Main findings and limitations are discussed.</p> <p>Conclusions are stated with explicit reference to relevant data.</p> <p>Arguments are given to support conclusions.</p> <p>Conclusions are related to published findings.</p> <p>Recommendations and/or implications for practice are described.</p>	<p>Not all main findings and limitations are discussed.</p> <p>Conclusions are not given reference to relevant data.</p> <p>Arguments are lacking or do not support conclusions.</p> <p>Conclusions are not related to published findings.</p> <p>Appropriate recommendations and/or implications for practice are</p>
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contemporary context. Appropriate recommendations and/or implications for practice are comprehensively described.	Appropriate recommendations and/or implications for practice are described.		not described.
A range	B range	C range	D/E

SYNTHESIS AND APPLICATION OF KNOWLEDGE

<p>Highly comprehensive analysis and synthesis of details, facts, concepts, etc.</p> <p>Highly competent application of knowledge to the topic.</p> <p>Clear and consistent integration of a wide range of literature as a foundation for well-reasoned argumentation.</p>	<p>Comprehensive analysis and synthesis of details, facts, concepts, etc.</p> <p>Competent application of knowledge to the topic.</p> <p>Clear and consistent integration of the literature as a foundation for well-reasoned argumentation.</p>	<p>Some analysis and synthesis of details, facts, concepts, etc.</p> <p>Some application of knowledge to the topic.</p> <p>Some integration of the literature as a foundation for well-reasoned argumentation.</p>	<p>Little analysis and synthesis of details, facts, concepts, etc.</p> <p>Little application of knowledge to the topic.</p> <p>Little integration of the literature as a foundation for well-reasoned argumentation.</p>
A range	B range	C range	D/E

ACADEMIC SCHOLARSHIP

<p>Wide variety of relevant and up-to-date sources of information, primarily from peer-reviewed literature.</p> <p>Content presented in a logical sequence and appropriate style with consistently clear and grammatical formulation.</p> <p>All sources of information are accurately presented in both the body text and reference list (APA style).</p>	<p>Variety of relevant and up-to-date sources of information, primarily from peer-reviewed literature.</p> <p>Content presented in an appropriate style with clear and grammatical formulation.</p> <p>Most sources of information are accurately presented in the body text and reference list (APA style).</p>	<p>Some relevant and up-to-date sources of information, with some from peer-reviewed literature.</p> <p>Content presented in an appropriate style with generally clear and grammatical formulation.</p> <p>Some sources of information are accurately presented in the body text and reference list (APA style).</p>	<p>Little relevant and up-to-date sources of information, with little from peer-reviewed literature.</p> <p>Content not presented in an appropriate style and/or with unclear and grammatical formulation.</p> <p>Sources of information are not accurately presented in the body text and reference list (APA style).</p>
A range	B range	C range	D/E



OVERALL EVALUATION OF THE INDEPENDENT SCHOLARLY PROJECT (200 – 300 WORDS)

This Independent Scholarly Project (ISP) titled “The Effectiveness of Generative Artificial Intelligence (GenAI) for Cybersecurity Threat Detection” is a commendable piece of academic work that demonstrates deep understanding and exhaustive exploration of the subject matter. The project is thoroughly researched, well-structured, and reflects the student’s commitment to scholarly excellence.

The project effectively covers the topic of Generative Artificial Intelligence (GenAI) in cybersecurity threat detection, exploring its capabilities, limitations, and future potential. The student has adeptly integrated theoretical foundations with practical implications, presenting a balanced and insightful analysis. This exhaustive coverage ensures that the reader gains a comprehensive understanding of the subject.

One of the standout aspects of this ISP is the exceptional use of diagrams. The visuals are meticulously crafted and strategically placed, greatly enhancing the reader’s comprehension of the structure and content. These diagrams serve as valuable tools for illustrating complex concepts, methodologies, and findings, making the work accessible and engaging to a broader audience.

The research methodology is robust and appropriate for the scope of this study. It is evident that the student has engaged in extensive literature review and critical analysis, showcasing their ability to synthesize information from diverse sources.

While the overall quality of writing is high, the project contains notable grammar errors and inconsistencies in referencing style. These issues detract from the professional polish of the work. A thorough review and editing process would greatly improve the readability and presentation of the report.

The discussion chapter does not meet the excellent standard set by the rest of the project. It appears incomplete, lacking depth and critical engagement with the findings. This chapter is crucial for contextualizing the results and connecting them to broader implications within the field of cybersecurity and artificial intelligence. Expanding and refining this section would strengthen the overall coherence and impact of the project.

The ISP is an outstanding representation of independent scholarly work. Despite minor issues with grammar, referencing style, and the discussion chapter, the project excels in its comprehensive treatment of the topic and effective use of visual aids. With attention to these areas, the work has the potential to achieve an even higher level of academic excellence.

RECOMMENDED GRADE

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