

Advancements in AI-Driven Cybersecurity Solutions

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Abstract. In the face of increasing cyber threats, AI-driven cybersecurity solutions are becoming essential. This article reviews the latest advancements in AI for identifying and mitigating cyber threats. We discuss machine learning algorithms that enhance threat detection and response times, and explore the integration of AI in developing robust cybersecurity frameworks. Our findings suggest significant potential for AI to revolutionize cybersecurity practices.

Keywords: Cybersecurity, AI, Threat Detection, Machine Learning, Security Frameworks

Introduction

As cyber threats become more sophisticated, the need for advanced cybersecurity solutions grows. This paper examines how artificial intelligence is being leveraged to enhance cybersecurity measures. We focus on machine learning algorithms that improve threat detection and response times, and discuss the development of robust cybersecurity frameworks. Our research indicates that AI has the potential to revolutionize the way we approach cybersecurity, providing more efficient and effective threat mitigation strategies.

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References

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