

## **A Review: Artificial Intelligence (AI) Driven User Access Management and Identity Governance**

**Authors :** Rupan Preet Kaur

**Abstract :** This article reviewed the potential of artificial intelligence in the field of identity and access management (IAM) and identity governance and administration (IGA), the most critical pillars of any organization. The power of leveraging AI in the most complex and huge user base environment was outlined by simplifying and streamlining the user access approvals and re-certifications without any impact on the user productivity and at the same time strengthening the overall compliance of IAM landscape. Certain challenges encountered in the current state were detailed where majority of organizations are still lacking maturity in the data integrity aspect. Finally, this paper concluded that within the realm of possibility, users and application owners can reap the benefits of unified approach provided by AI to improve the user experience, improve overall efficiency, and strengthen the risk posture.

**Keywords :** artificial intelligence, machine learning, user access review, access approval

**Conference Title :** ICSCCCT 2023 : International Conference on Cyber Security, Cyber Crime and Cyber Threats

**Conference Location :** Sydney, Australia

**Conference Dates :** December 04-05, 2023