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Application of Artificial Intelligence (AI) in Handloom Industry

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Abstract

The application of Artificial Intelligence (AI) in the handloom industry is a fascinating and transformative development. AI technologies have the potential to revolutionize various aspects of handloom manufacturing, making the process more efficient, cost-effective, and sustainable. One key area where AI can make a significant impact is in the optimization of the handloom weaving process. AI algorithms can analyze intricate patterns and designs, helping weavers automate and streamline their work. This not only speeds up production but also ensures a higher level of precision and consistency in the final products.