

ART CLASSIFICATION SYSTEM



IRONHACK FINAL
PROJECT

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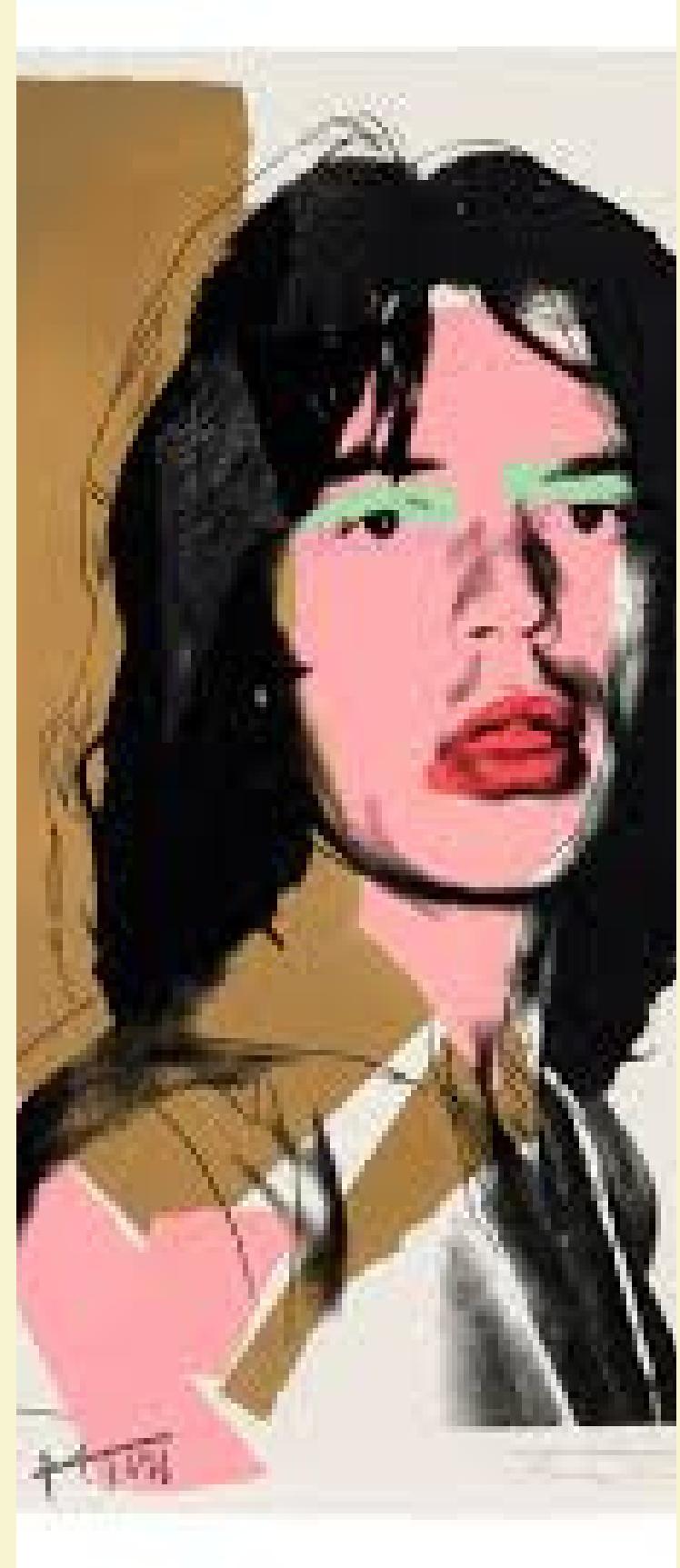
ART CLASSIFICATION

Art classification involves categorizing artworks based on their style, period, or technique. Traditionally done by experts, this process is now increasingly supported by AI and machine learning technologies.

WHY CLASSIFY ART?

Classifying art helps us understand the evolution of artistic movements, trace influences between artists, and appreciate cultural significance. It provides a structured way to study and preserve artistic heritage.

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EXPERT ANALYSIS

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Traditionally, art classification relied on experts analyzing visual elements like composition, color, and brushwork. While accurate, this method is time-consuming and subjective, depending heavily on the expert's interpretation.



THE ROLE OF AI AND MACHINE LEARNING

Machine learning, especially Convolutional Neural Networks (CNNs), has revolutionized art classification. By training on large datasets, AI models can learn to identify the distinct features of different art styles, providing a quick and objective classification method.

OBJECTIVES

AI-powered art classification can help museums and galleries organize collections, enhance online platforms with personalized recommendations, and assist in art authentication and provenance research.

This model is designed to help people easily identify the genre of artwork they encounter. Imagine you're at a friend's house, and you see a painting on the wall that you really like. You want to find similar art for your own home, but you're not sure what style it is. With this model, you can take a photo of the artwork, use the code to analyze it, and instantly find out the genre. This makes it easier to explore and discover more art in the styles you love, helping you curate a personalized collection that reflects your tastes.

