



ABSTRACT ML-based art recognition offers a unique platform for the automation of identification of art forms and for providing descriptive insights. This article systematically reviews advances in ML-based art recognition technologies and their applications on digital platforms. Methods for classifying visual art forms from images, techniques explored and models used, along with frameworks, are elaborated within this paper. It discusses strength, limitation, and areas of future research directions-in this case, concerning the utilization of CNN and other deep learning algorithms into image classification. The third area focuses on the potentiality of combining art recognition within online education platforms such as SkillVoyage in having the user personally... (only first 800 chars shown)



Analysis complete. Our feedback is listed below in printable form. Some of the items have been truncated or removed to provide better print compatibility.

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Word Choice

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Style

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One sign of an excellent writer is the use of transitional phrases (e.g. therefore, consequently, furthermore). Transitional words and phrases contribute to the cohesiveness (http://www.PaperRater.com/vocab_builder/show/cohesiveness) of a text and allow the sentences to flow smoothly. Without transitional phrases, a text will often seem disorganized and will most likely be difficult to understand. When these special words are used, they provide organization within a text and lead to greater understanding and enjoyment on the part of the reader.

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Consider using additional transitions where appropriate:

- consequently (http://paperrater.com/vocab_builder/show/consequently)
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- nevertheless (http://paperrater.com/vocab_builder/show/nevertheless)
- notwithstanding (http://paperrater.com/vocab_builder/show/notwithstanding)
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- ordinarily (http://paperrater.com/vocab_builder/show/ordinarily)

Transitional phrases may be used in various places in a text:

- between paragraphs
- between sentences
- between sentence parts
- within sentence parts

Consider this example:

I lost my money; **therefore**, I could not buy a ticket.

The word '**therefore**' contributes to greater unity or cohesion between sentences and allows the text to flow more smoothly.

Style

Sentence Length Info

Total Sentences: 44

Avg. Length: 22.6 words

Short Sentences (< 17 words): 11 (25%)

Long Sentences (> 35 words): 5 (11%)

Sentence Variation: 9.6 words (std deviation)



It is important to vary between simple and complex sentences (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>) , which you seem to have done quite well.

Line chart of the length of each sentence (first 50 sentences). A jagged chart indicates variation.



Helpful Resources:

- Effective Use of Sentence Length (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>)

Vocabulary Words

Usage of Academic Vocabulary

Vocabulary Score: 533.81

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Vocabulary Word Count: 98

Percentage of Vocab Words: 13.95%

Vocab Words in this Paper (top 20):

systematically, frameworks, utilization, whereby, foundational, theoretical, augment, hierarchical, encompasses, adversely, recognition, identification, insights, classifying, elaborated, concerning, classification, potentiality, neural, augmentation



Excellent work! Your usage of sophisticated words is on par with other well-written papers! Nevertheless, you may still wish to use our **Vocab Builder** (http://www.PaperRater.com/vocab_builder/index) to maintain your edge.

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Whether you are writing for a school assignment or professionally, it is imperative that you have a vocabulary that will provide for clear communication of your ideas and thoughts. You need to know the type and level of your audience and adjust your vocabulary accordingly. It is worthwhile to constantly work at improving your knowledge of words. To help with this task, please consider using our **Vocabulary Builder** (http://www.PaperRater.com/vocab_builder/index) to improve your comprehension and usage of words.