Art History Assignment: Analyzing Art Movements with AI Tools

Students must choose an art movement form (Renaissance, Baroque, Impressionism, etc.) and use a text-generator AI to assist in the exploration of stylistic elements, thematic content, and historical context. Students will also use an image-generator AI to create examples of this art movement form. Students will create a PowerPoint presentation based on their findings from using ChatGPT [and/or any other AI platform that the instructor wants to include].

Assignment Instructions

Step 1: Select an art movement form from the following list: Renaissance, Baroque, Impressionism, Pop Art, Abstract Expressionism.

Step 2: Choose 3-5 representative artworks from your selected art movement.

Step 3: Use a text-generator AI platform to analyze the selected artworks. Students should create prompts to input into the text generator that focus on stylistics elements (brushwork, technique, etc.), color usage, composition (layout, focal points, etc.), thematic content (common themes, subject matter, etc.), and historical context.

- Document at least 5 prompts used to generate results from the AI
- Document the corresponding analyses from the AI platform

Step 4: Use a text-to image generator to create a digital exhibition of 5-10 artworks from the chosen movement.

- Document at least 2 prompts used to generate results from the AI
- Document the corresponding images created by the AI platform

Step 5: Respond to the following questions about the AI-generated images provided by the platform:

- Focus/participants: Who/what is depicted in the images?
- Thematic Content: Are there any themes or subjects that the AI included that seem out of place for the chosen art movement?
- Color: What choices were made regarding brightness, saturation, purity, differentiation, and hue?
- Stylistic elements: How well does the artwork replicate the stylistic elements of the chosen art movement?

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- Composition: Are there any elements (focal point, balance, etc.) that the AI has successfully or unsuccessfully replicated?

Step 6: Write a critical analysis of using AI in art and art history studies. Include responses for the following prompts:

- The strengths and weaknesses of AI-generated analyses about specific art movements
- The limitations and potential of AI-generated art
- The role of AI in the future of art creation and art history studies
- The ethical considerations of using AI to create and analyze art

Step 7: Create a presentation on the analyses presented by the AI tool as well as critical discussions about the use of AI for Art History assignments. The presentation should include the following elements:

- Selected art movement
- 3-5 representative artworks selected for the AI text-generator
- 5 prompts input into the AI text-generator for analyses
- The analyses results provided from the AI text-generator
- 2 prompts input into the AI image-generator
- 5-10 artworks created by the image-generator
- Responses to the questions in Step 5
- Critical analysis addressing all prompts from Step 6

Rubric

Criteria	Exemplary (90-100)	Accomplished (80-89)	Developing (70-79)	Inadequate (0-69)	Points Earned
Selected Art Movement (5 points)	Clear identification and justification of the chosen art movement from the provided list.	Identification and justification of the chosen art movement from the provided list.	Identification of the chosen art movement with limited justification.	Art movement not clearly identified or justified.	

Selected Artworks (10 points)	Selection of 3-5 representative artworks from the chosen art movement. Artworks are diverse and relevant.	Selection of 3-5 artworks from the chosen art movement. Artworks are mostly representative.	Selection of less than 3 artworks from the chosen art movement. Limited diversity or relevance.	Inadequate selection of artworks from the chosen art movement.	
Prompts for Text-Generator AI (10 points)	Creation of at least 5 thoughtful prompts for the text-generator AI.	Creation of at least 5 prompts for the text-generator AI, but some may lack depth or relevance.	Creation of fewer than 5 prompts for the text-generator AI.	Inadequate creation of prompts for the text-generator AI.	
Documentation of Text-Generator AI Analysis (10 points)	Complete documentation of at least 5 prompts used and corresponding analyses from the text-generator AI.	Documentation of at least 5 prompts used and corresponding analyses from the text-generator AI, but some may be incomplete.	Incomplete documentation of prompts used and corresponding analyses from the text-generator AI.	Inadequate documentation of prompts used and corresponding analyses from the text-generator AI.	
Prompts for Image-Generator AI (10 points)	Creation of at least 2 thoughtful prompts for the image-generator AI.	Creation of at least 2 prompts for the image-generator AI, but some may lack depth or relevance.	Creation of fewer than 2 prompts for the image-generator AI.	Inadequate creation of prompts for the image-generator AI.	
Documentation of Image-Generator AI Results (10 points)	Complete documentation of at least 2 prompts used and corresponding images generated from the image-generator AI.	Documentation of at least 2 prompts used and corresponding images generated from the image-generator AI, but some may be incomplete.	Incomplete documentation of prompts used, and corresponding images generated from the image-generator AI.	Inadequate documentation of prompts used, and corresponding images generated from the image-generator AI.	

Critical Analysis (any format) of AI Use (30 points)	Comprehensive critical analysis addressing the strengths and weaknesses of AI-generated analyses, limitations and potential of AI-generated art, the role of AI in art creation and art history studies, and ethical considerations.	Clear critical analysis addressing most of the required points but may lack depth or detail in some areas.	Basic critical analysis with limited exploration of the required points.	Inadequate or missing critical analysis.	
Presentation (15 points)	Visually appealing (if visuals are used), well-organized presentation with clear sections for selected art movement, representative artworks, text-generator AI prompts and analyses, image-generator AI prompts and results, responses to AI-generated images, and critical analysis of AI use.	Well-organized presentation with clear sections for most of the required elements, but some may lack clarity or organization.	Somewhat organized presentation with some sections missing or lacking clarity.	Poorly organized presentation with significant sections missing or unclear.	