Text Analysis Report: modernist_literature_bard

1. Basic Statistics

Metric	Value
Word Count	630
Sentence Count	21
Character Count	4578
Unique Word Count	137
Avg Word Length (chars)	6.10
Avg Sentence Length (words)	30.00
Avg Sentence Length (chars)	218.00
Sentence Length Std Dev (words)	8.26
Lexical Diversity (TTR)	0.2175
MATTR (Window=50)	0.7935

2. Entropy & Complexity
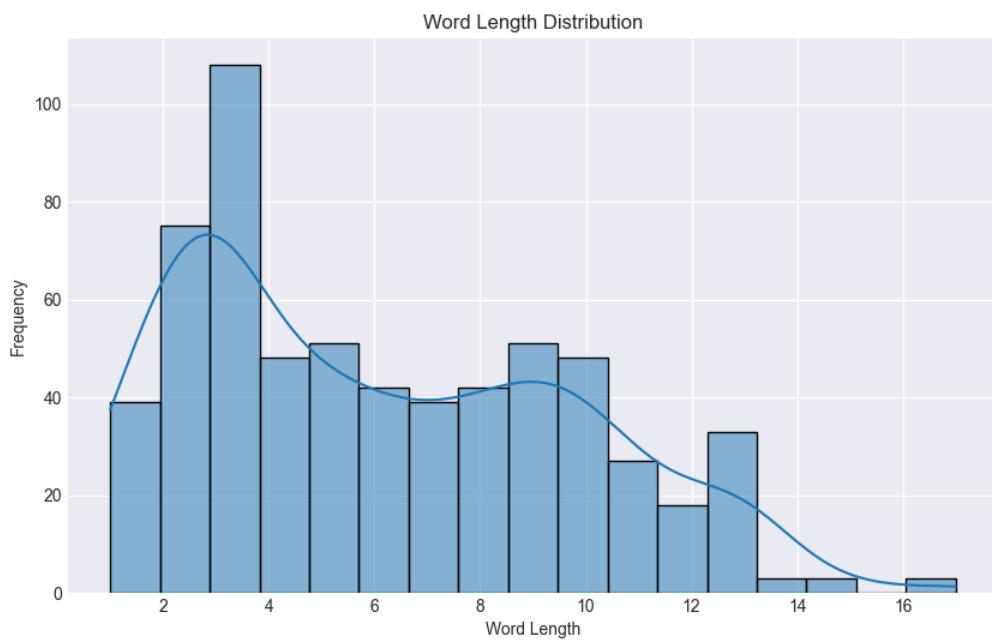
Metric	Value
Shannon Entropy (Words)	6.4866 bits
Shannon Entropy (Chars)	4.3136 bits
Function Word Ratio	0.3571

3. Readability Scores
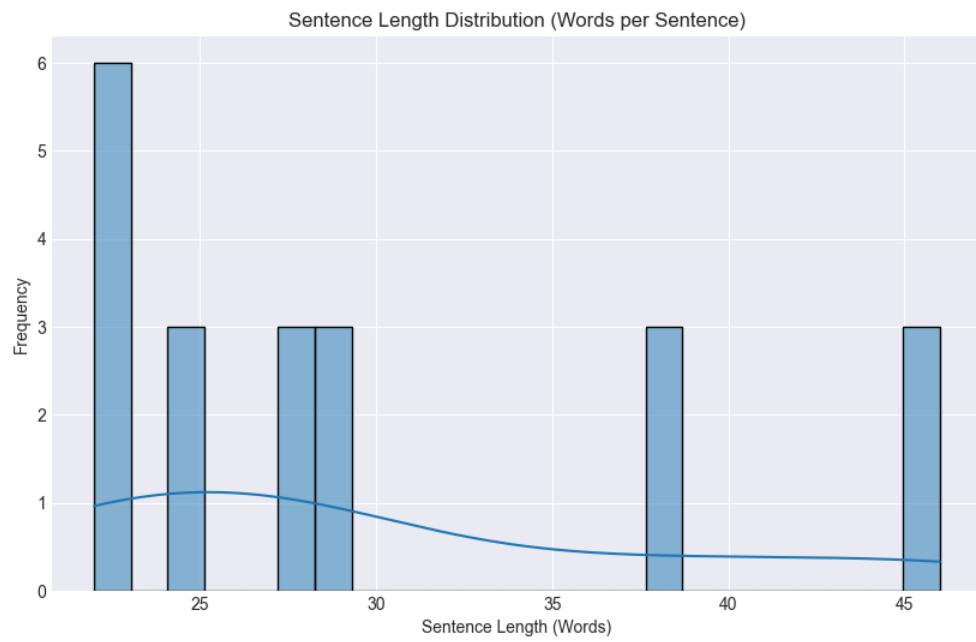
Index	Score
Flesch Reading Ease	-1.18
Flesch-Kincaid Grade Level	20.90
Gunning Fog Index	15.85
SMOG Index	21.30
Coleman-Liau Index	18.81
Automated Readability Index	23.00

4. Visualizations

Word Length Distribution

Word Length Distribution

Sentence Length Distribution
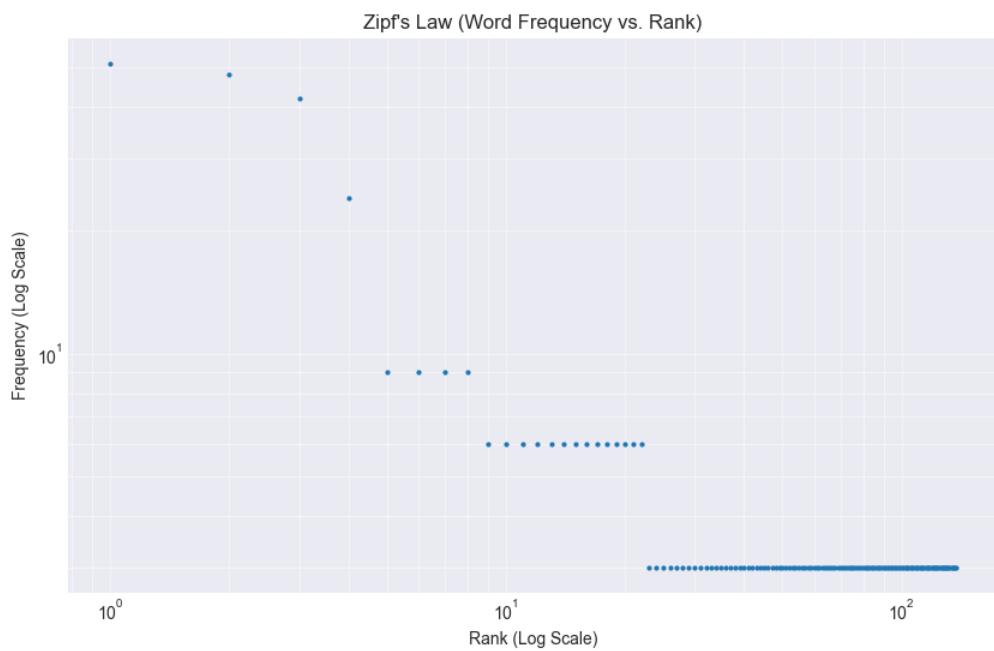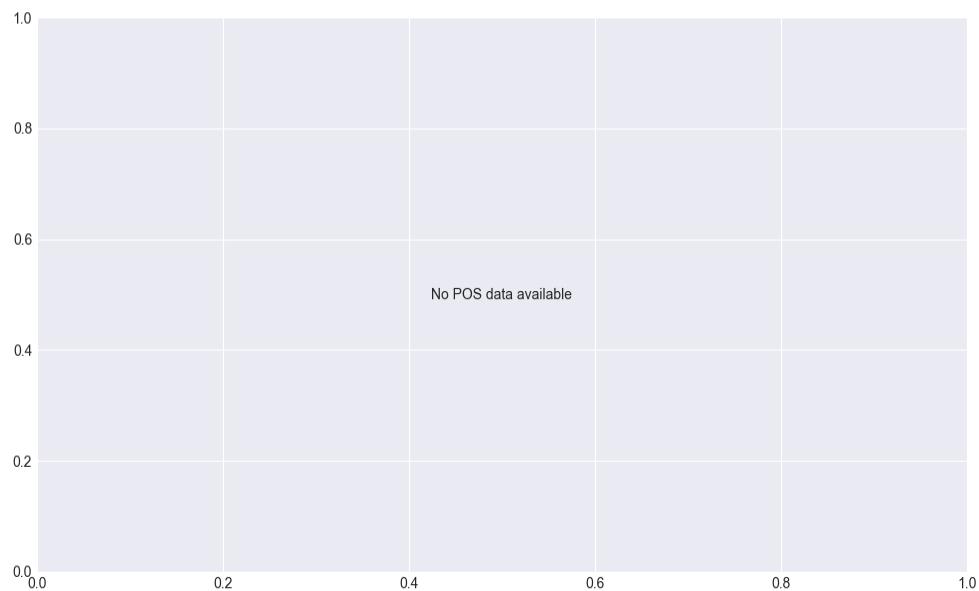
Sentence Length Distribution (Words per Sentence)
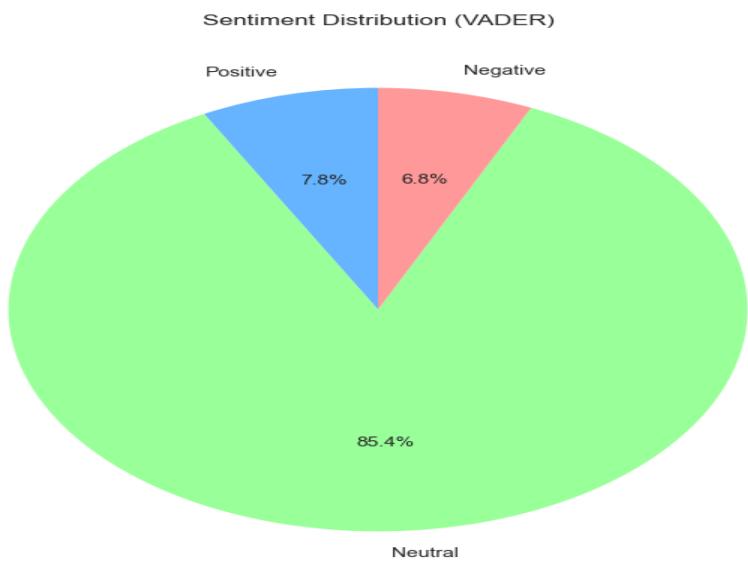
Zipf's Law Analysis (Word Frequency vs Rank)

Zipf's Law (Word Frequency vs. Rank)
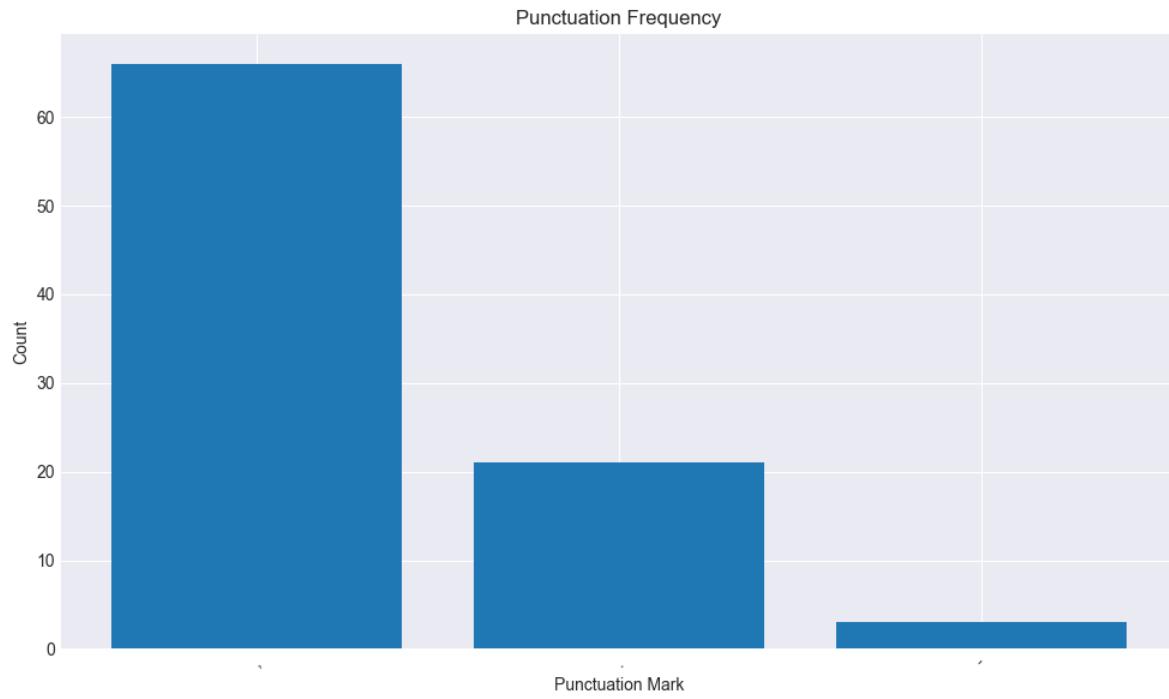
Part-of-Speech Distribution (Top 25)

No POS data available

Sentiment Distribution (VADER)

Sentiment Distribution (VADER)

Punctuation Frequency

Punctuation Frequency

5. Frequency Analysis

Most Common Words (Top 15, with stopwords):

and (51), of (48), the (42), a (24), modernism (9), to (9), modern (9), by (9), literary (6), movement (6), in (6), literature (6), from (6), traditional (6), 1 (6)

Most Common Punctuation:

',' (66), '.' (21), '-' (3)

6. N-gram Analysis

Common 2-grams (Top 10):

'of the' (9), 'literary modernism' (6), 'the modern' (6), 'the complexities' (6), 'and the' (6), 'fragmentation of' (6), 'modernism a' (3), 'a dominant' (3), 'dominant movement' (3), 'movement in' (3)
2-gram Repetition Rate: 0.6773

Common 3-grams (Top 10):

'of the modern' (6), 'literary modernism a' (3), 'modernism a dominant' (3), 'a dominant movement' (3), 'dominant movement in' (3), 'movement in western' (3), 'in western literature' (3), 'western literature during' (3), 'literature during the' (3), 'during the early' (3)
3-gram Repetition Rate: 0.6672

Common 4-grams (Top 10):

'literary modernism a dominant' (3), 'modernism a dominant movement' (3), 'a dominant movement in' (3), 'dominant movement in western' (3), 'movement in western literature' (3), 'in western literature during' (3), 'western literature during the' (3), 'literature during the early' (3), 'during the early 20th' (3), 'the early 20th century' (3)
4-gram Repetition Rate: 0.6651

Character N-gram Analysis:

Common Character 3-grams (Top 10):

'_th' (57), 'nd_' (57), '_an' (54), 'the' (51), 'and' (51), '_of' (51), 'of_' (48), 'ion' (45), 'ent' (42), 'he_' (42)

Common Character 4-grams (Top 10):

'_and' (51), 'and_' (51), '_the' (48), '_of_' (48), 'the_' (42), 'tion' (39), 'ment' (27), '_mod' (24), 'mode' (24), 'oder' (24)

Common Character 5-grams (Top 10):

'_and_' (51), '_the_' (42), '_mode' (24), 'moder' (24), 'odern' (24), 'ation' (18), 'tion_' (18), 's_of_' (18), 'derni' (15), 'ernis' (15)