

# Enhanced Hospital Review Analysis Dashboard

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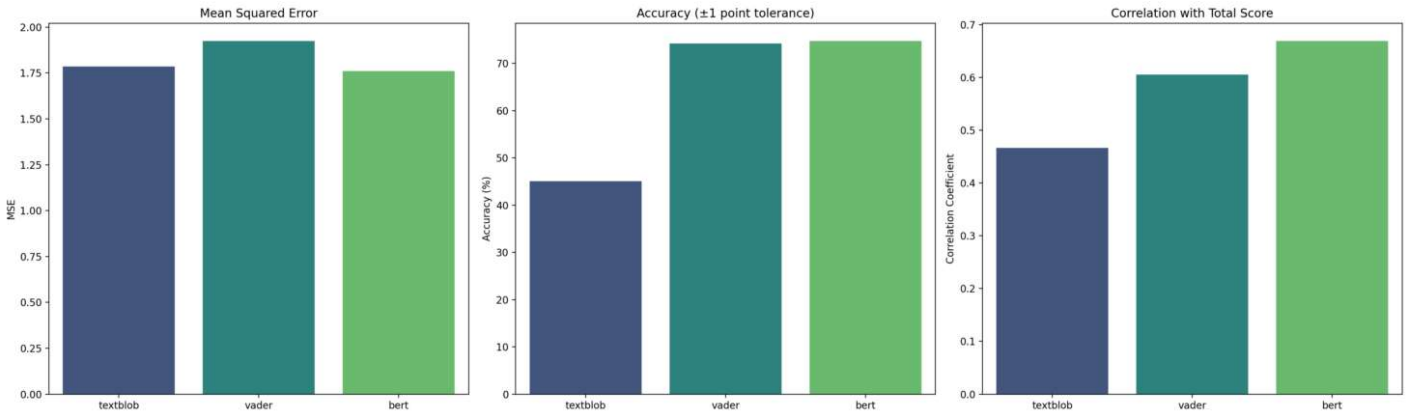
short-dataset-2024-11-18.csv 151.8KB



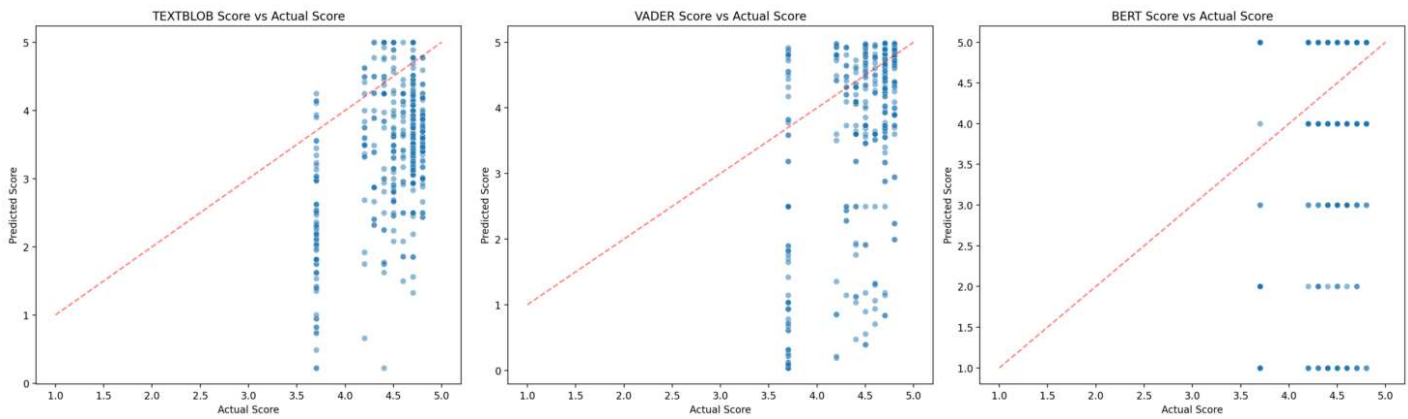
## Model Accuracy Analysis

### Accuracy Metrics Comparison

	Mean Squared Error	Accuracy ( $\pm 1$ point)	Correlation
textblob	1.785	45.1%	0.466
vader	1.925	74.2%	0.605
bert	1.760	74.8%	0.669

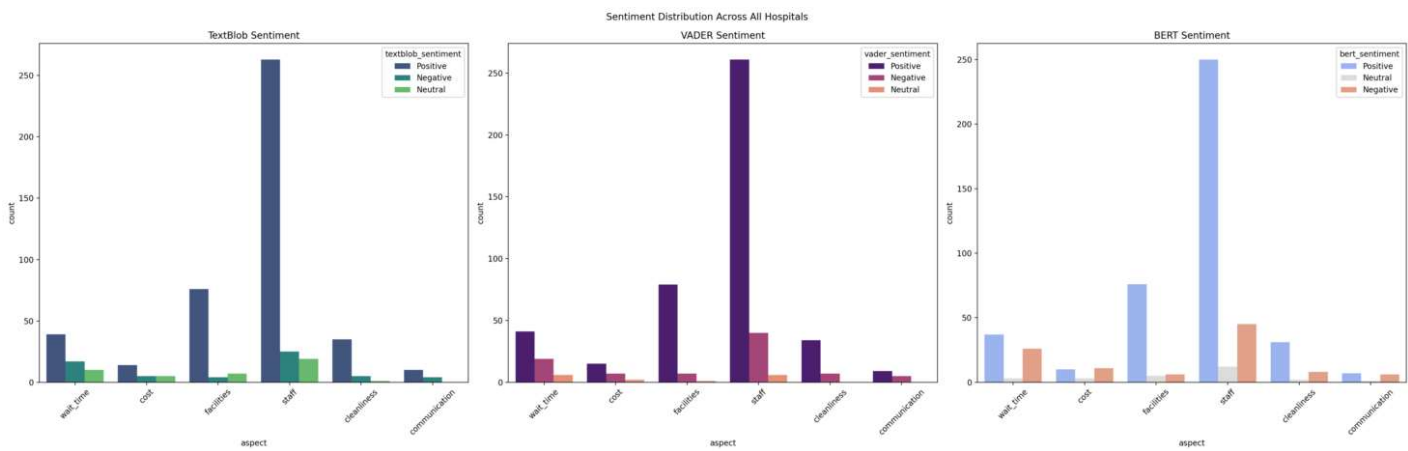


### Predicted vs Actual Scores



# Sentiment Analysis

## Overall Sentiment Distribution by Aspect



# Aspect-Specific Analysis

Select aspect

cost

Sort by

Positive Sentiment %

## Detailed Metrics by Hospital and Aspect

	hospital	aspect	mentions	positive_pc
17	SUM Hospital	cost	6	0.0%
12	Vivekanand Hospital Bhubaneswar	communicat	1	0.0%
2	Sunshine Hospital	facilities	1	0.0%
18	SUM Hospital	communicat	4	0.0%
39	Sparsh Hospitals & Critical Care Pvt. Ltd.	cost	1	0.0%
34	CARE Hospitals, Bhubaneswar	cost	2	0.0%
32	CARE Hospitals, Bhubaneswar	facilities	1	0.0%
27	UTKAL HOSPITAL	communicat	1	0.0%
1	Sunshine Hospital	cost	1	0.0%
15	SUM Hospital	cleanliness	6	0.0%

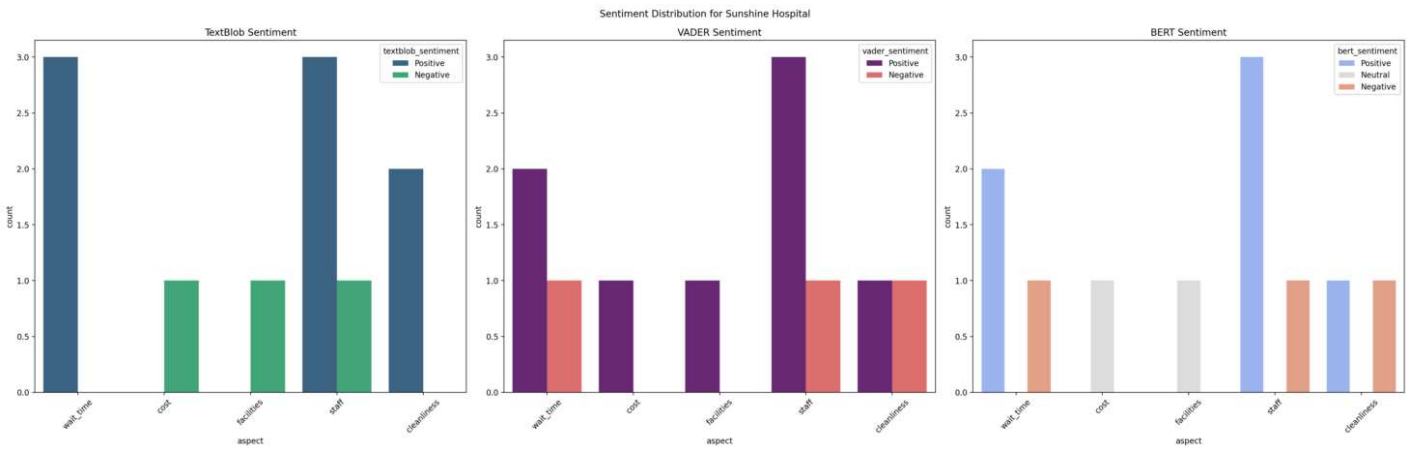
# Hospital-Specific Analysis

Select a hospital

Sunshine Hospital

▼

## Sentiment Distribution for Sunshine Hospital



## Model Performance Comparison

	Mean Squared Error	Accuracy ( $\pm 1$ point)	Correlation
textblob	3.036	36.4%	0.000
vader	3.515	54.5%	0.000
bert	4.087	54.5%	-0.000

## Summary Statistics

	Metric	Value
0	Total Reviews	11
1	Average Rating	4.60
2	Most Mentioned Aspect	staff
3	Best Performing Model	TEXTBLOB