

Forecast Report

Summary Statistics:

Mean: 196.4

Median: 195.0

Trend: increasing

Current Avg: 234.23

Previous Avg: 155.42

YoY Change: 50.71%

Changepoint Insight:

The provided data represents a time series with forecast changepoints for each day from January 15, 2025, to January 24, 2025. The data includes the following components:

1. ``ds``: Date-time stamp of each observation.
2. ``trend``: Estimated linear trend for the given day.
3. ``yhat_lower``: Lower bound of the point forecast for the given day.
4. ``yhat_upper``: Upper bound of the point forecast for the given day.
5. ``trend_lower``: Lower bound of the trend term for the given day.
6. ``trend_upper``: Upper bound of the trend term for the given day.
7. ``additive_terms``: Additional terms included in the model for the given day.
8. ``additive_terms_lower``: Lower bound of the additional terms for the given day.
9. ``additive_terms_upper``: Upper bound of the additional terms for the given day.
10. ``event``: Indicates whether there is an event occurring on the given day (0 if no event, 1 if there is an event).
11. ``event_lower``: Lower bound of the event term for the given day (if applicable).

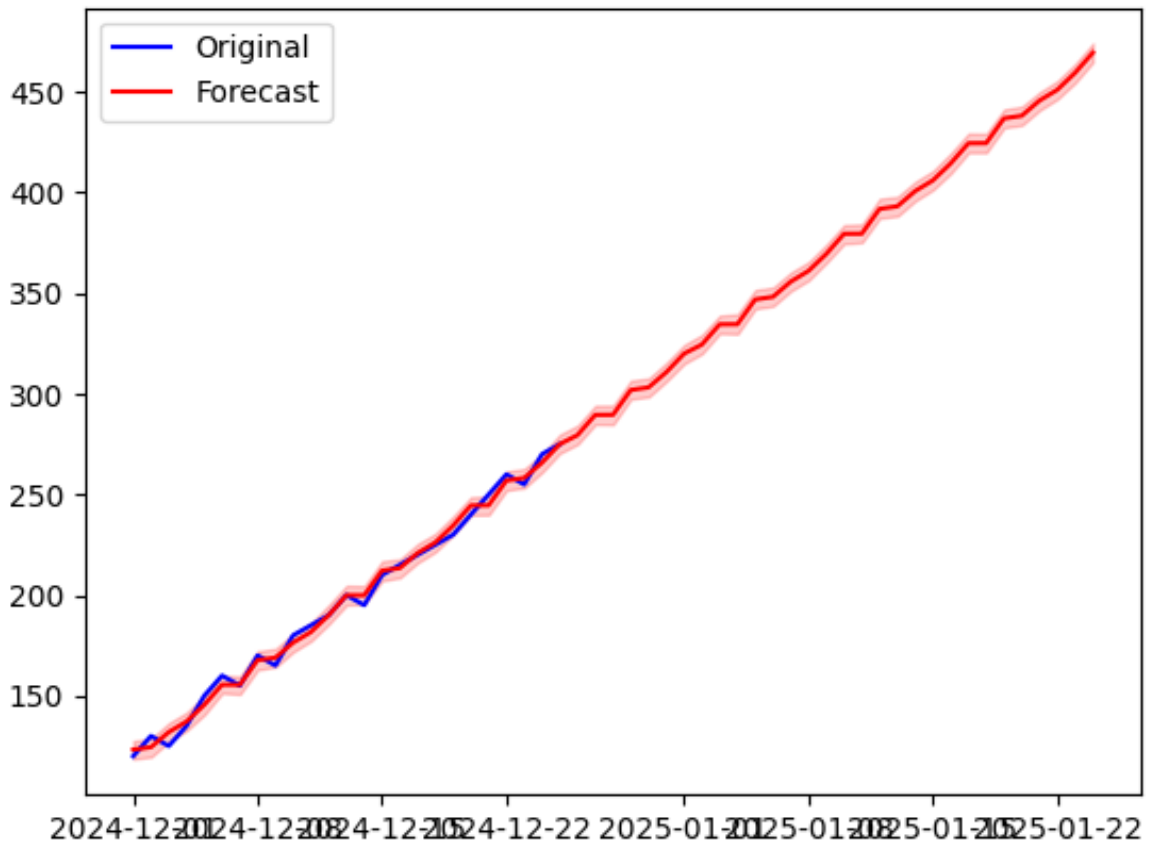
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12. ``event_upper``: Upper bound of the event term for the given day (if applicable).
13. ``holidays``: Indicates whether the given day is a holiday (0 if not a holiday, 1 if it is a holiday).
14. ``holidays_lower``: Lower bound of the holiday term for the given day (if applicable).
15. ``holidays_upper``: Upper bound of the holiday term for the given day (if applicable).
16. ``weekly``: Indicates whether the given day is a weekly event (0 if not a weekly event, 1 if it is a weekly event).
17. ``weekly_lower``: Lower bound of the weekly term for the given day (if applicable).
18. ``weekly_upper``: Upper bound of the weekly term for the given day (if applicable).
19. ``multiplicative_terms``: Multiplicative terms included in the model for the given day.
20. ``multiplicative_terms_lower``: Lower bound of the multiplicative terms for the given day.
21. ``multiplicative_terms_upper``: Upper bound of the multiplicative terms for the given day.
22. ``yhat``: Point forecast for the given day.

The changepoints occur on January 17, 2025, and January 24, 2025, as indicated by the increase (January 17) or decrease (January 24) in the trend term compared to the previous days. Additionally, the point forecasts and their bounds change on these days, indicating a change in the overall model for these particular time periods.

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Forecast vs Original



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