Predicting Antibiotic Resistance in Salmonella enteritidis

# Model Metrics

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| **Model** | **Mean Squared Error (MSE)** | **Mean Absolute Error (MAE)** | **Root Mean Squared Error (RMSE)** | **Mean Absolute Percentage Error (MAPE)** |
| **Random Forest** | 0.0313 | 0.0384 | 0.1770 | 1.17% |
| **Exponential Smoothing** | 0.0042 | 0.0538 | 0.0649 | 11.31% |
| **Holt's Model** | 0.0042 | 0.0538 | 0.0649 | 11.31% |