Model Performance and SHAP Report

1. Model RMSE Comparison

Model Comparison: RMSE (lower is better)
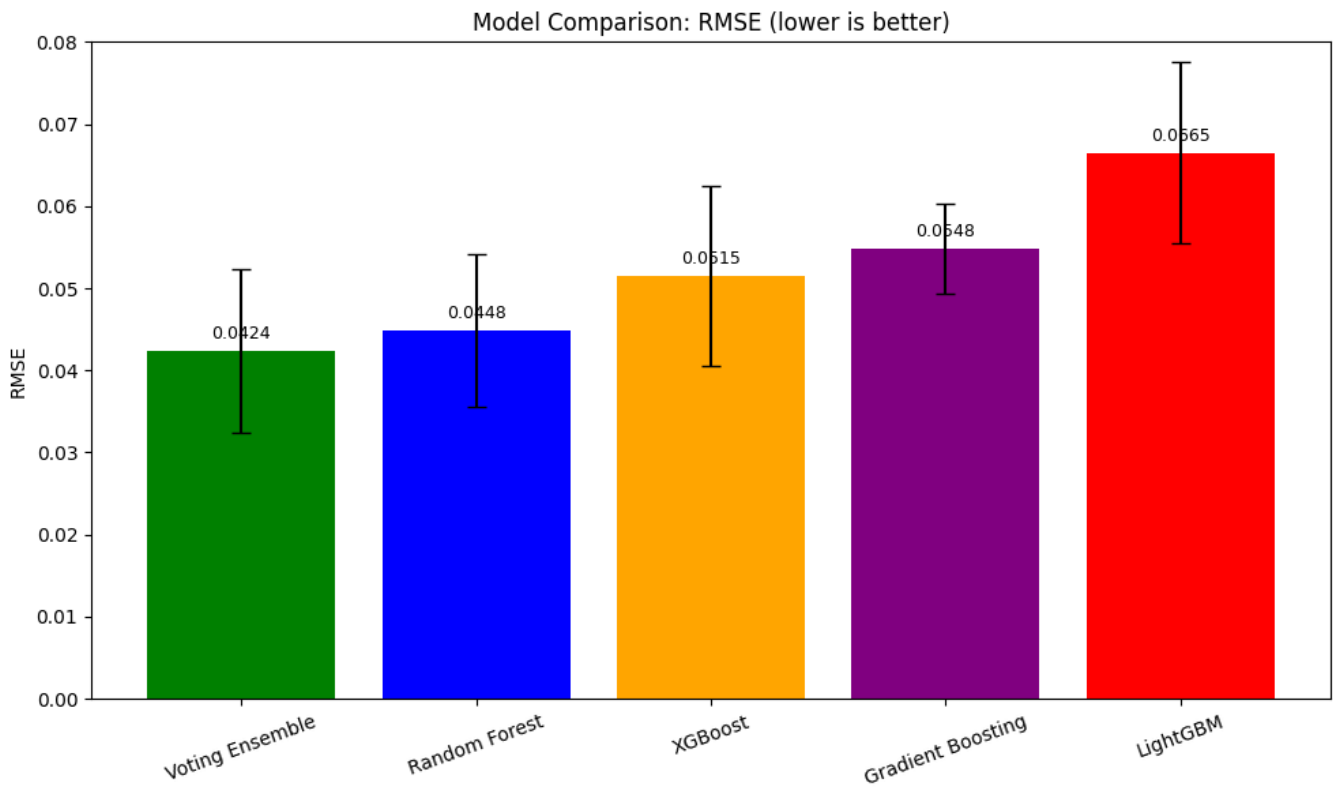
2. SHAP Summary Plot
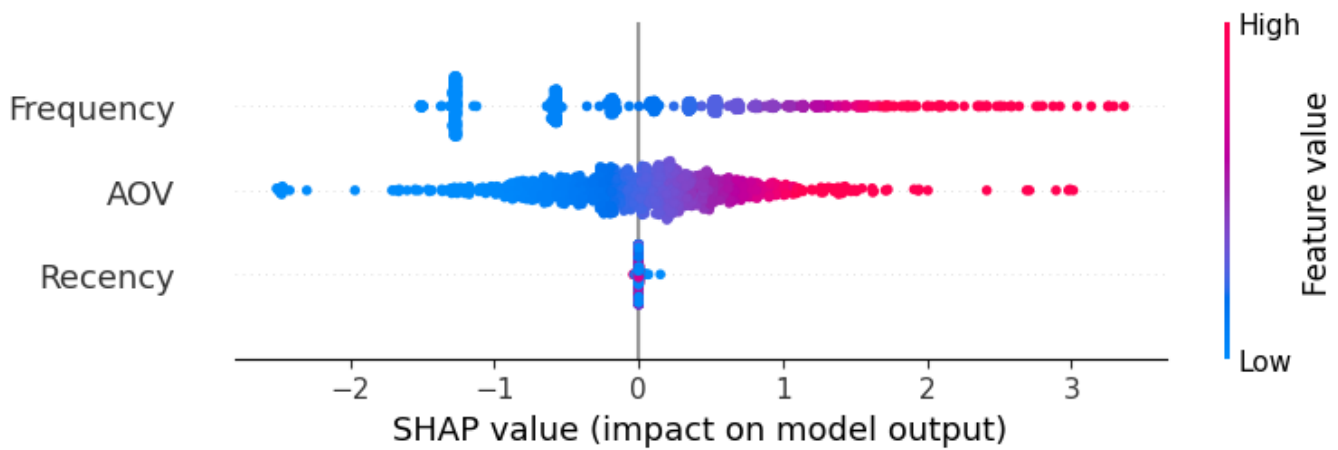
SHAP Force Plot - Gradient_Boosting_dependence_AOV.png

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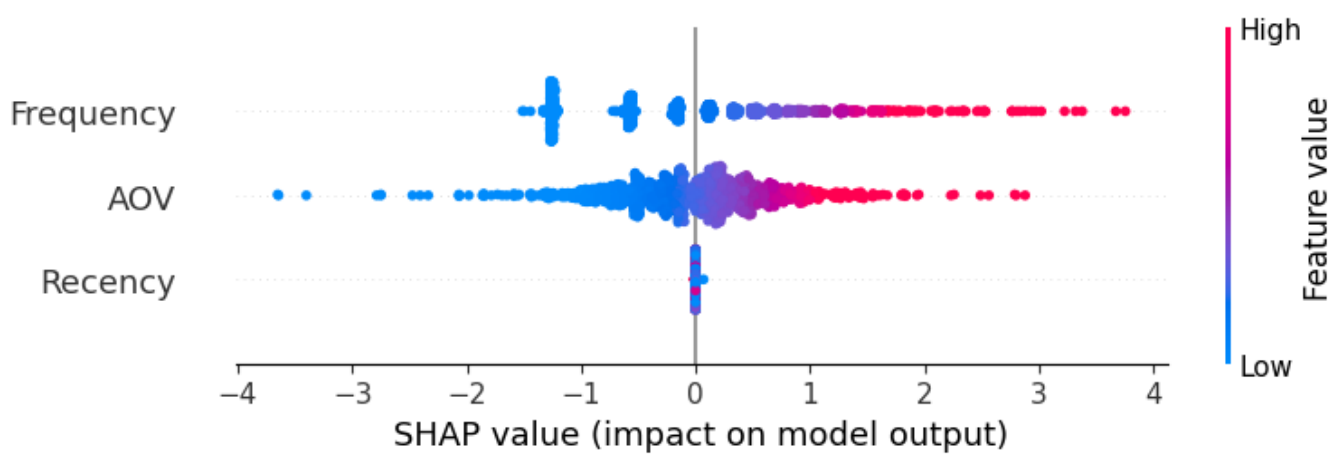**SHAP Force Plot - Gradient_Boosting_dependence_Frequency.png**

SHAP Force Plot - Gradient_Boosting_force_1.png

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SHAP Force Plot - Gradient_Boosting_force_2.png

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SHAP Force Plot - Gradient_Boosting_summary.png

SHAP Force Plot - LightGBM_dependence_AOV.png

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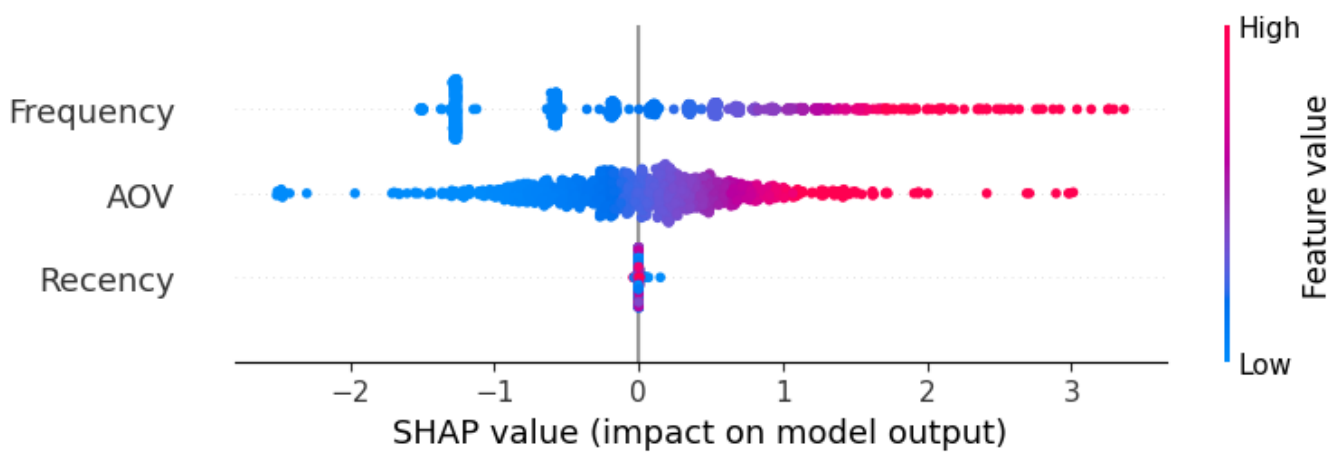**SHAP Force Plot - LightGBM_dependence_Frequency.png**

SHAP Force Plot - LightGBM_force_1.png

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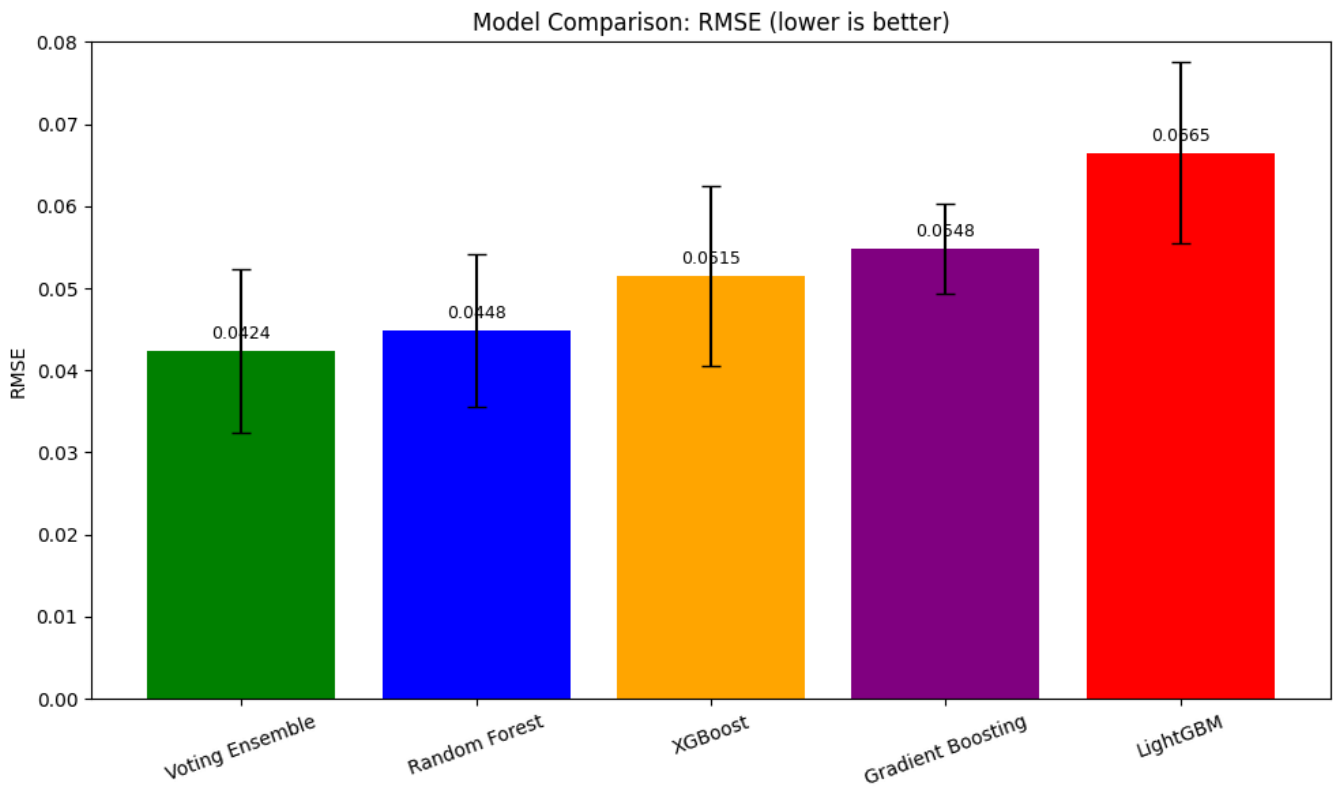**SHAP Force Plot - LightGBM_force_2.png**

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SHAP Force Plot - LightGBM_summary.png

SHAP Force Plot - model_rmse_comparison.png

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Model Comparison: RMSE (lower is better)

SHAP Force Plot - Random_Forest_dependence_AOV.png

SHAP Force Plot - Random_Forest_dependence_Frequency.png
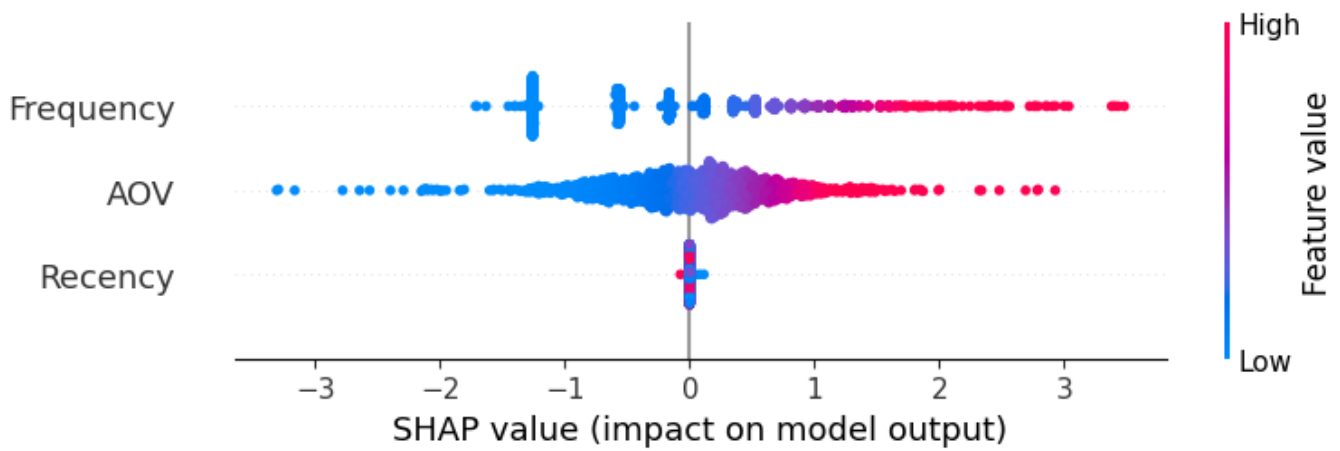
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SHAP Force Plot - Random_Forest_force_1.png

Model Performance and SHAP Report
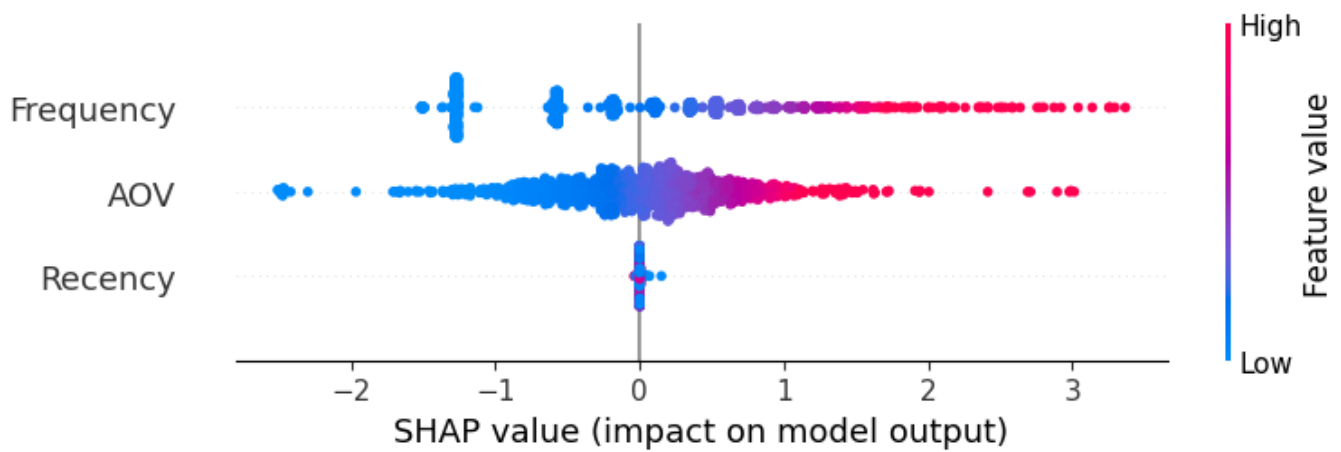
SHAP Force Plot - Random_Forest_force_2.png

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SHAP Force Plot - Random_Forest_summary.png

SHAP Force Plot - summary_plot.png

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SHAP Force Plot - XGBoost_dependence_AOV.png

SHAP Force Plot - XGBoost_dependence_Frequency.png

Model Performance and SHAP Report

SHAP Force Plot - XGBoost_force_1.png

Model Performance and SHAP Report

SHAP Force Plot - XGBoost_force_2.png

Model Performance and SHAP Report

SHAP Force Plot - XGBoost_summary.png