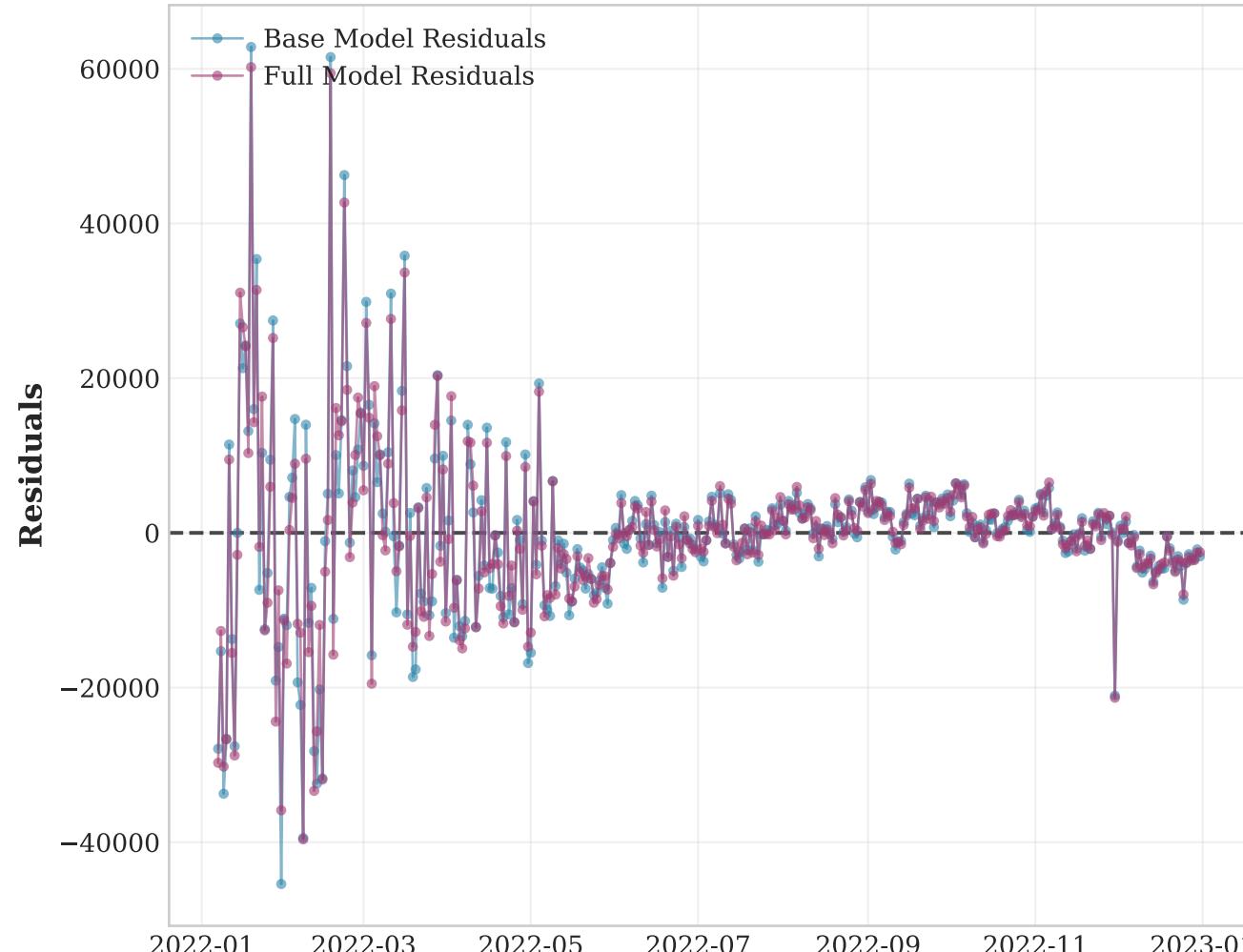
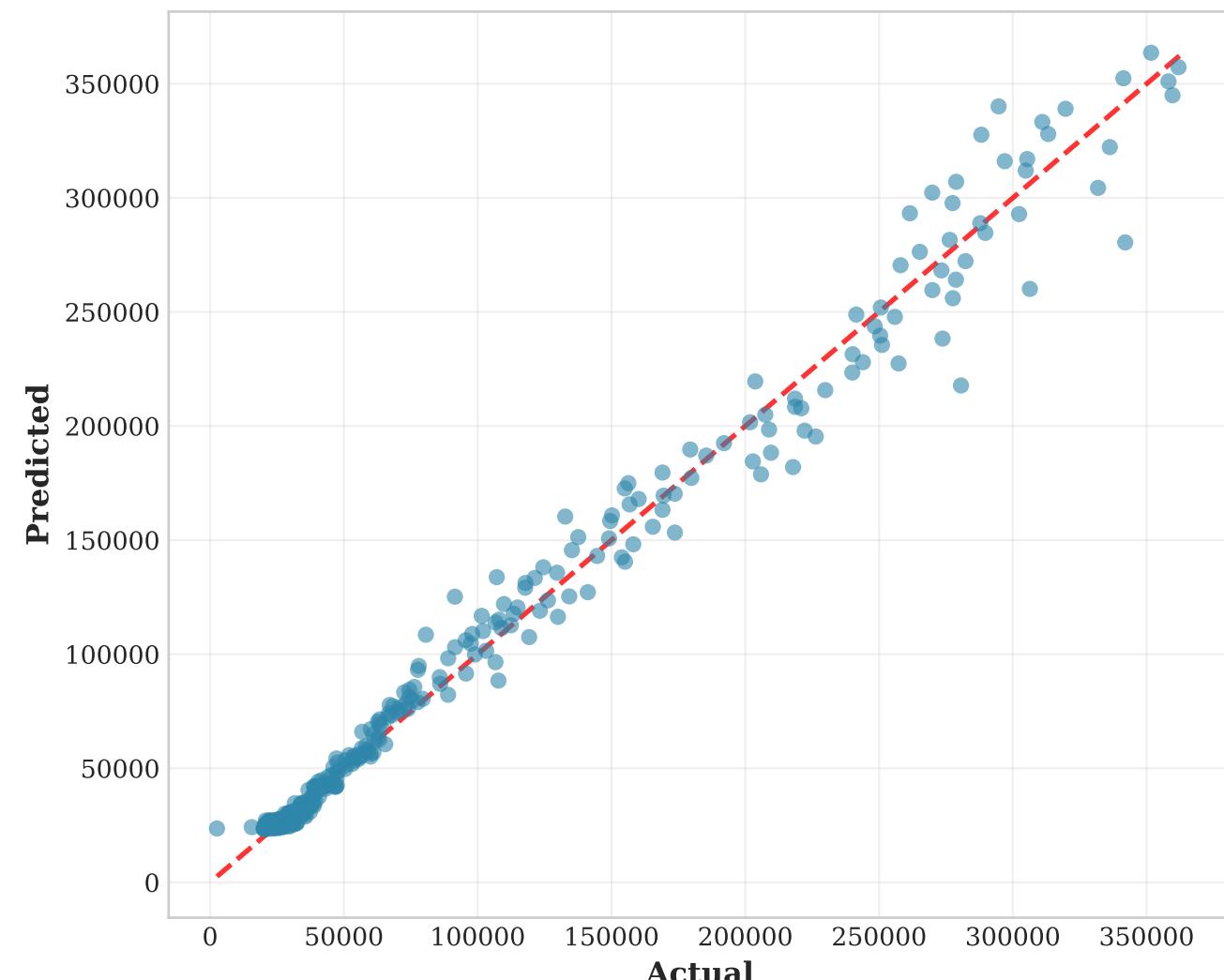
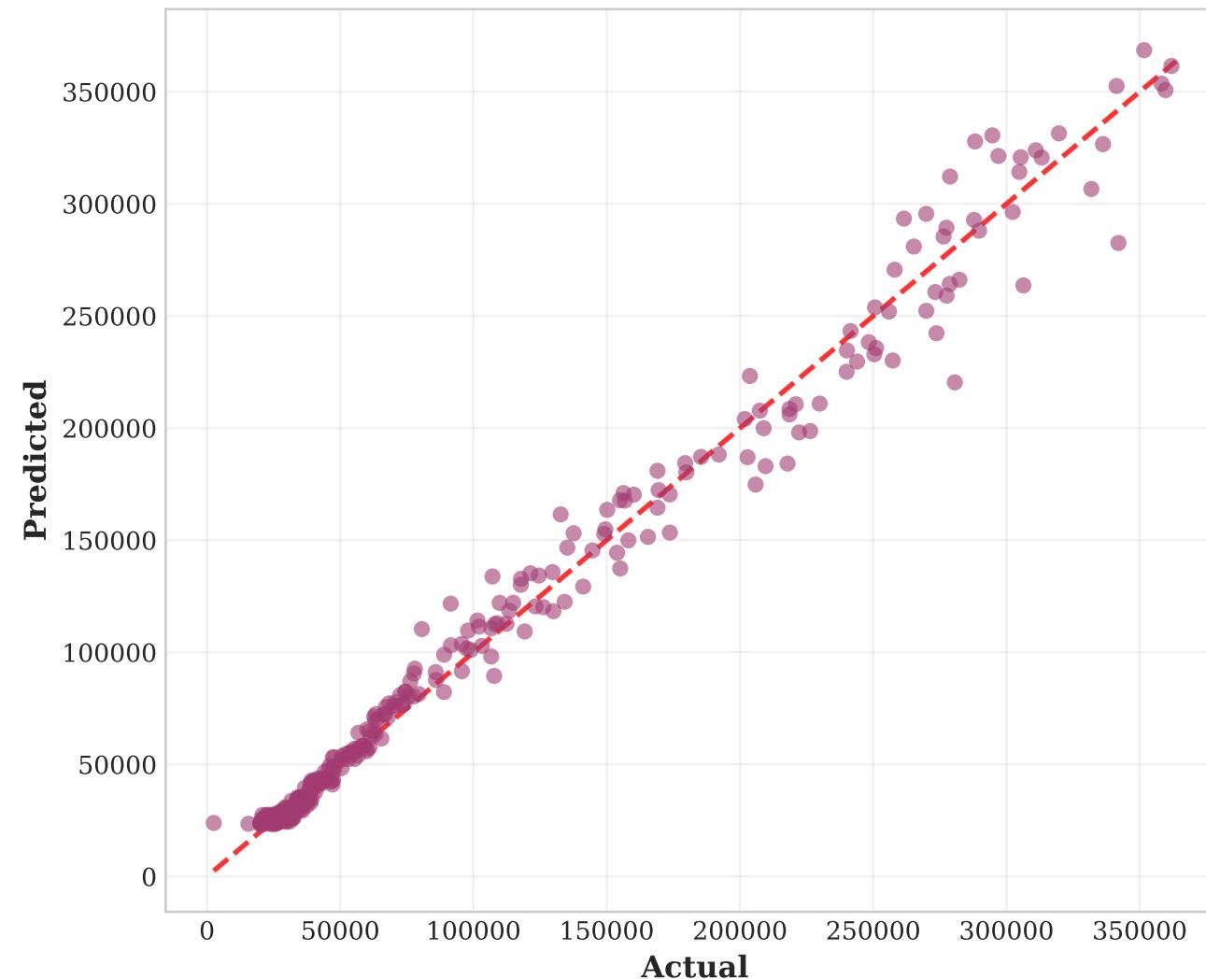


**(a) Residuals Comparison****(b) Base Model Fit  
 $R^2 = 0.9851$** **(c) Full Model Fit  
 $R^2 = 0.9860$** **(d) Residual Distributions**