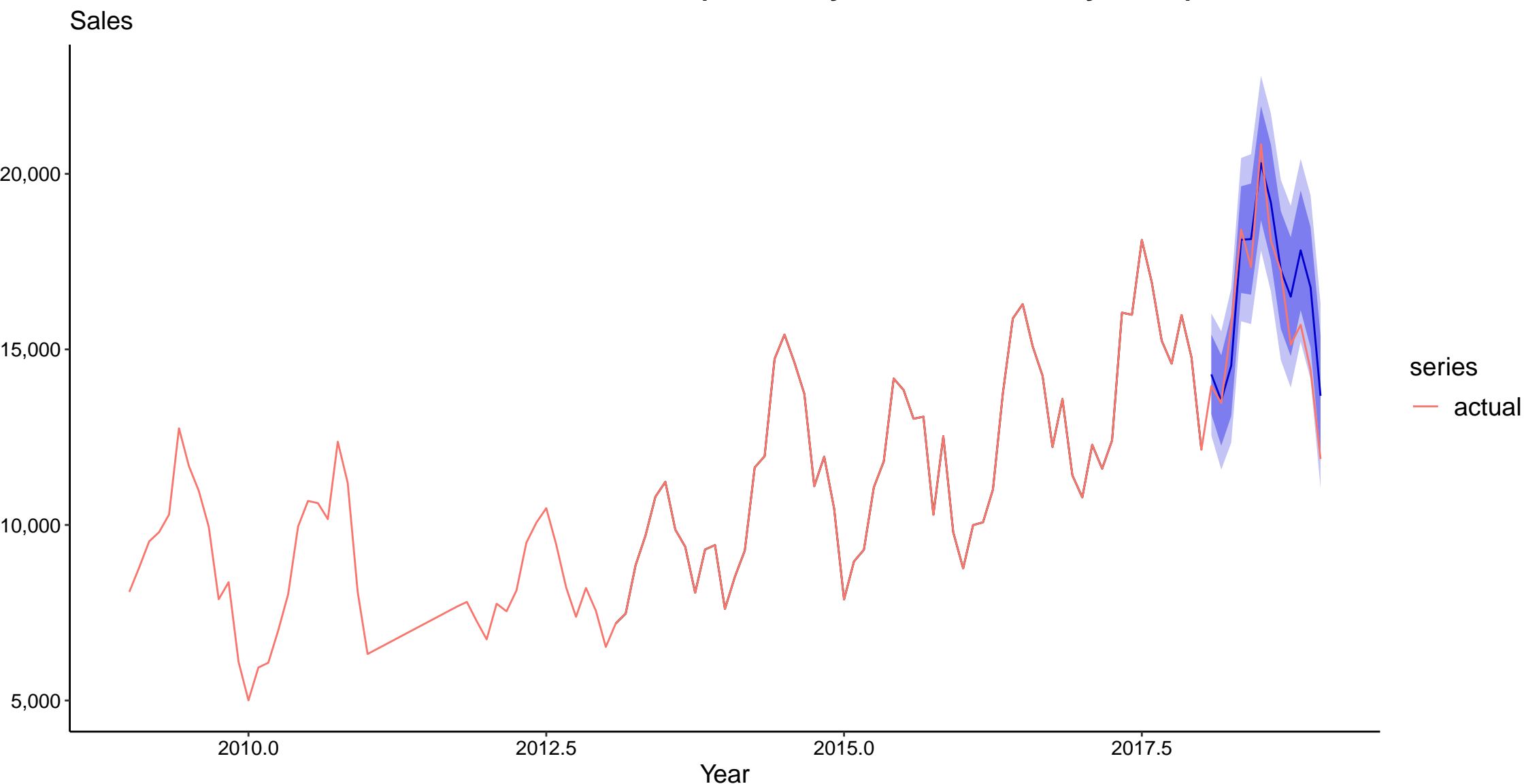


Forecast of NY House Sales (February 2018 to January 2019)



Note: Dynamic regression with ARIMA(2,0,0)(0,1,0)[12] errors. First, I regressed house sales in NY onto private residential construction spending using ARIMA errors. Then, I used that model to forecast house sales twelve months ahead from February 2018 to January 2019 using another ARIMA forecast of construction spending. My final forecast is in blue with shaded 95% prediction intervals. The forecast's MAPE was 93.4%.