5

library(forecast)

sales\_data <- data.frame(

Month = seq(as.Date("2023-01-01"), by = "months", length.out = 6),

Sales = c(12000, 15000, 18000, 16000, 20000, 22000)

)

sales\_ts <- ts(sales\_data$Sales, frequency = 12)

arima\_model <- auto.arima(sales\_ts)

forecast\_result <- forecast(arima\_model, h = 3)

print(forecast\_result)