

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)
```