

LSTM Test 1

epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

Training RMSE: 8168.096828958564

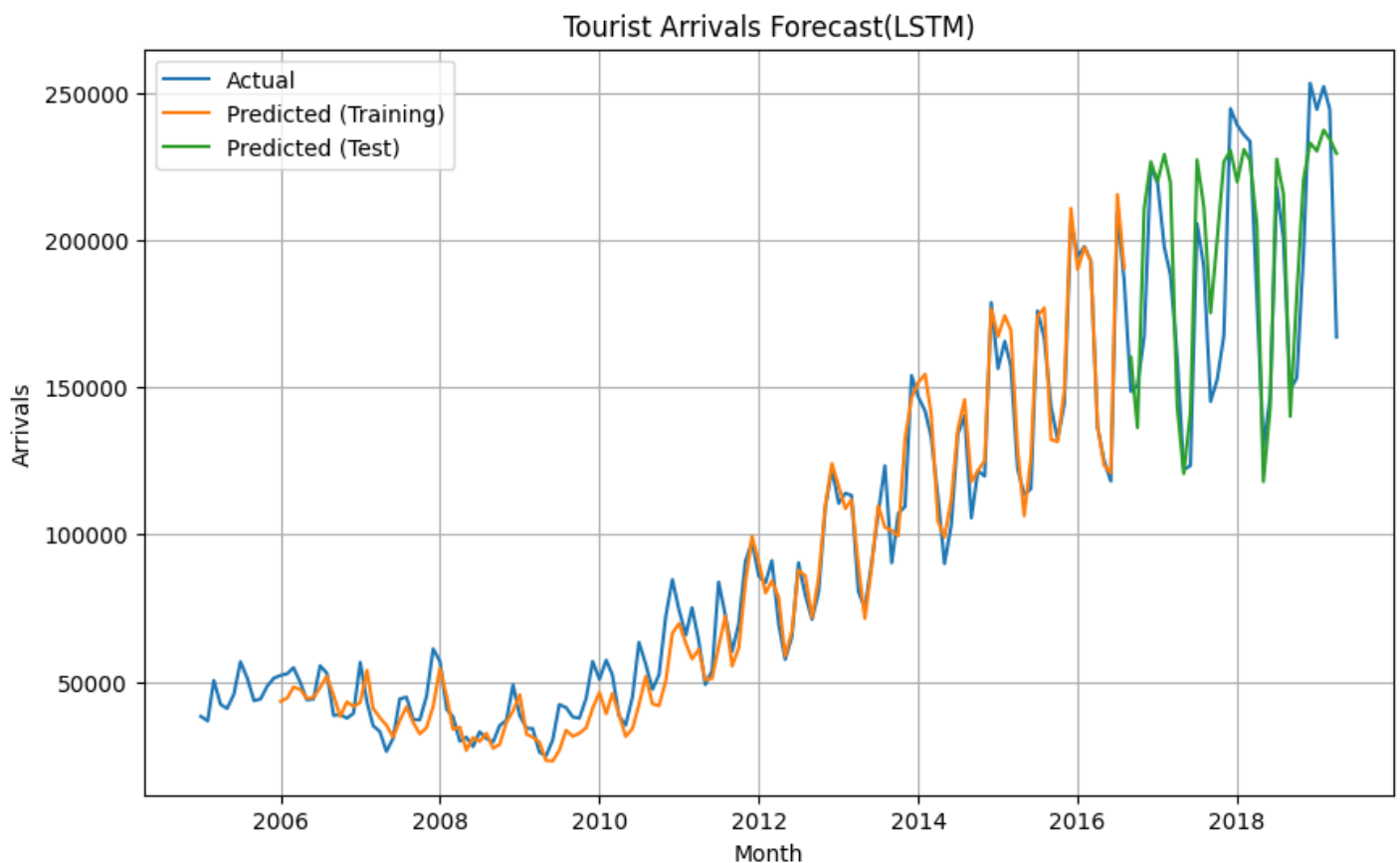
Training MAE: 6278.163558959961

Training MAPE: 9.85042812813067

Test RMSE: 25205.231720478536

Test MAE: 20057.883544921875

Test MAPE: 11.412718291587645

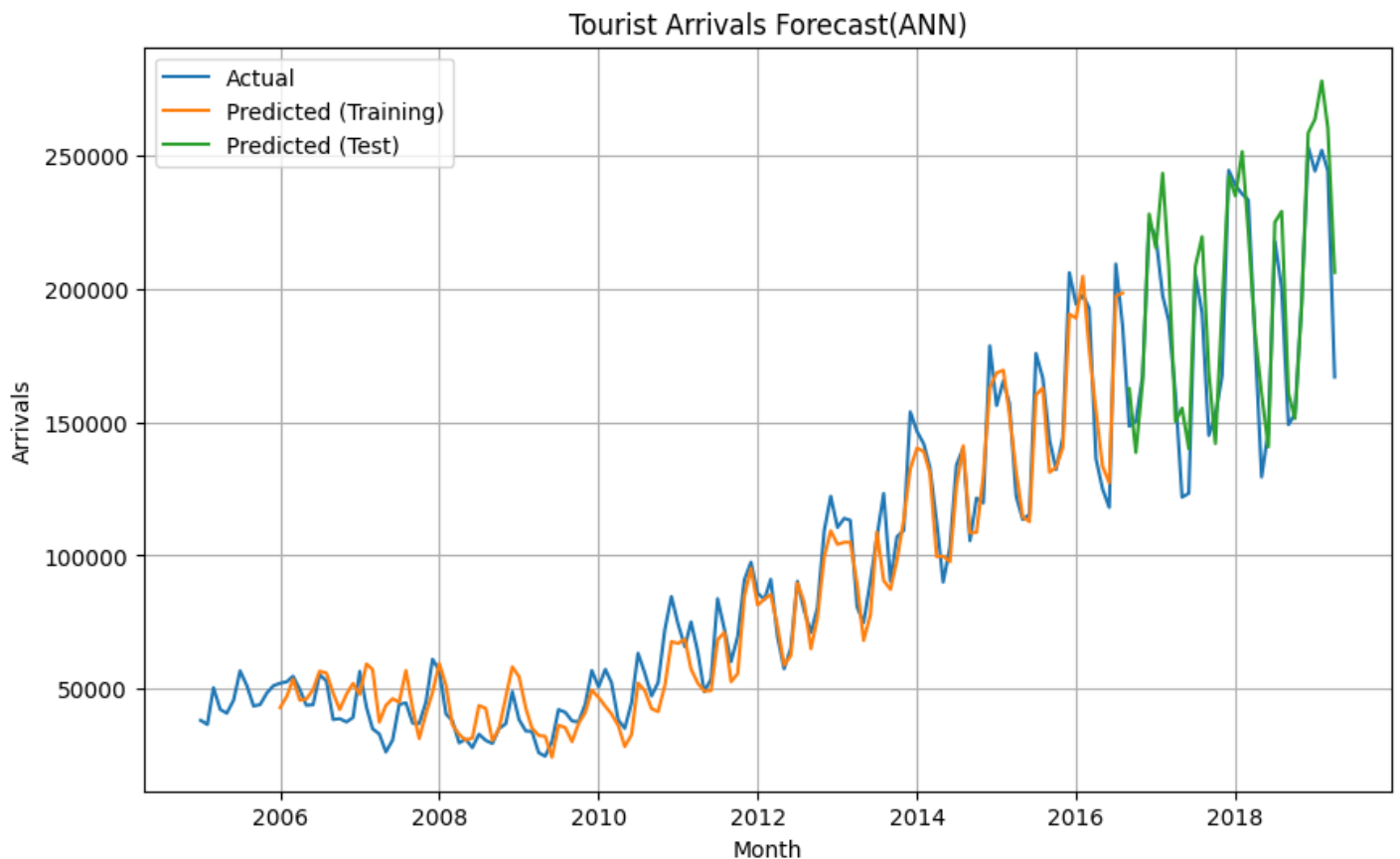


ANN Test 1

epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

Training RMSE: 9550.77612850807 Training MAE: 7706.888656616211 Training MAPE: 12.378631154916224 Test RMSE: 19265.402947886414 Test MAE: 15111.1533203125 Test MAPE: 8.745138196155475



RF Test 1

epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

Training RMSE: 3577.861794425243

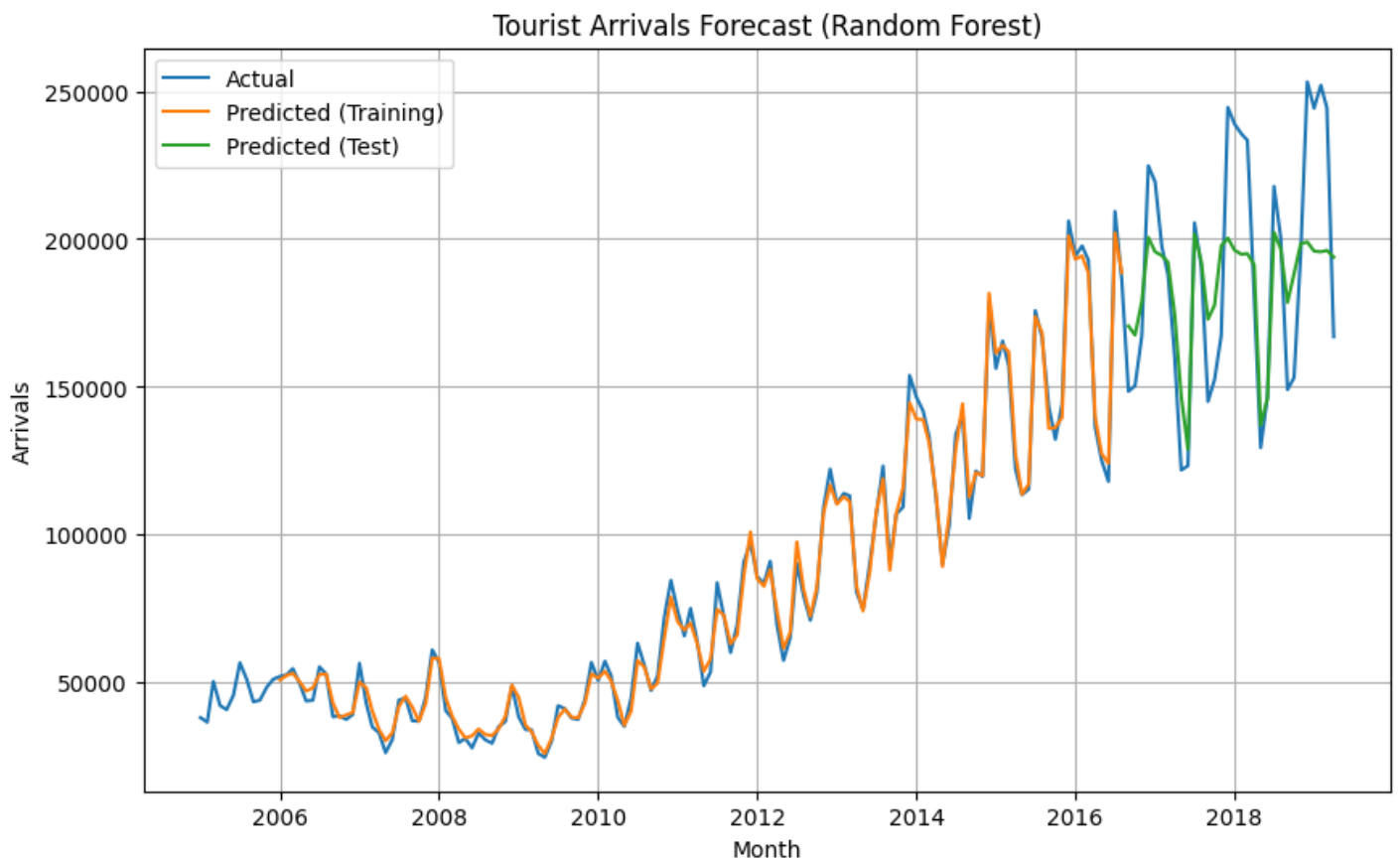
Training MAE: 2861.8681249999986

Training MAPE: 4.353800724459324

Test RMSE: 28622.535841802084

Test MAE: 23282.083437499972

Test MAPE: 11.980595660128095



▼ SVR Test 1

epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

Training RMSE: 14243.554136181283

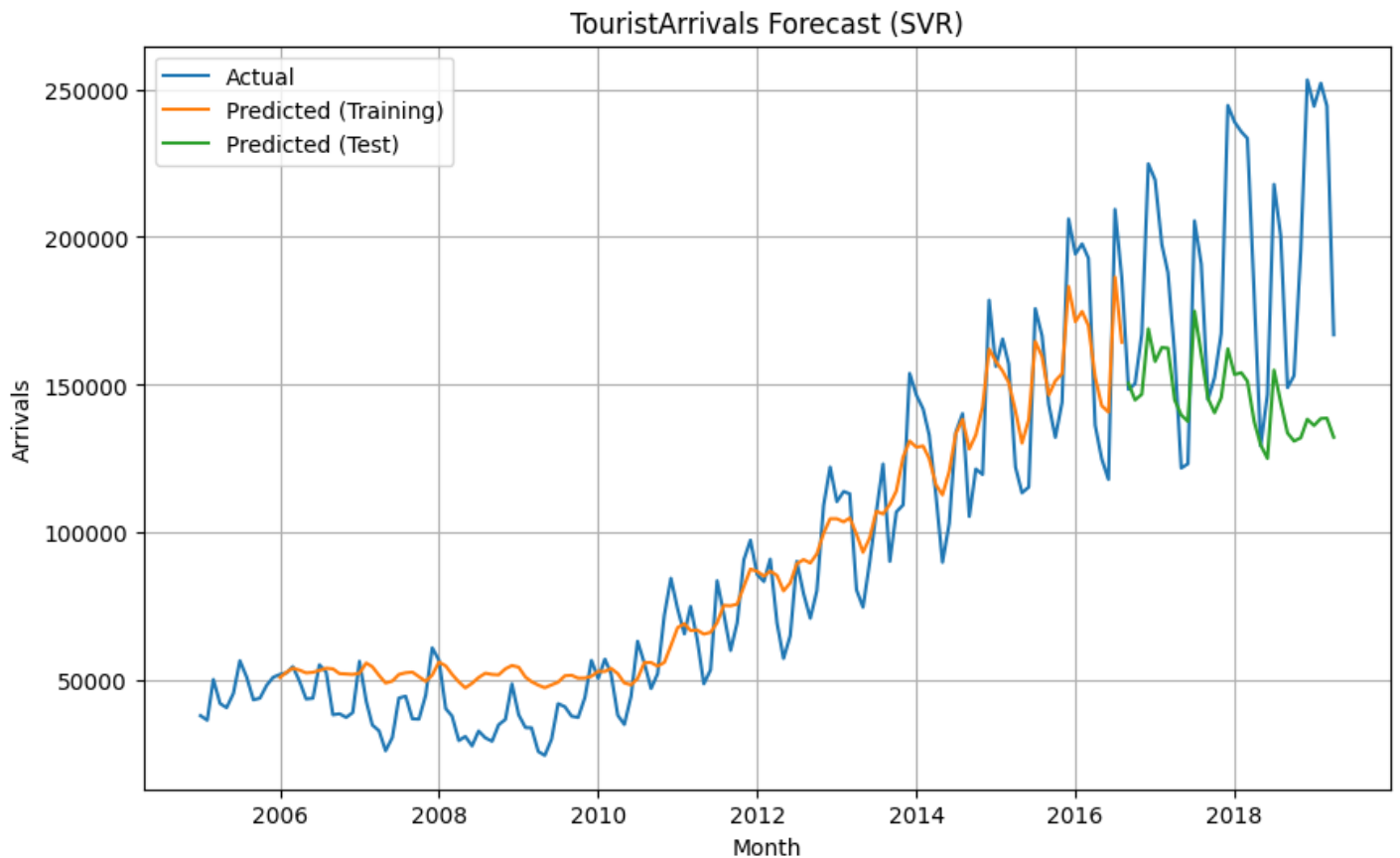
Training MAE: 12307.013630791118

Training MAPE: 21.62802169633514

Test RMSE: 57030.799030731745

Test MAE: 45009.124875762776

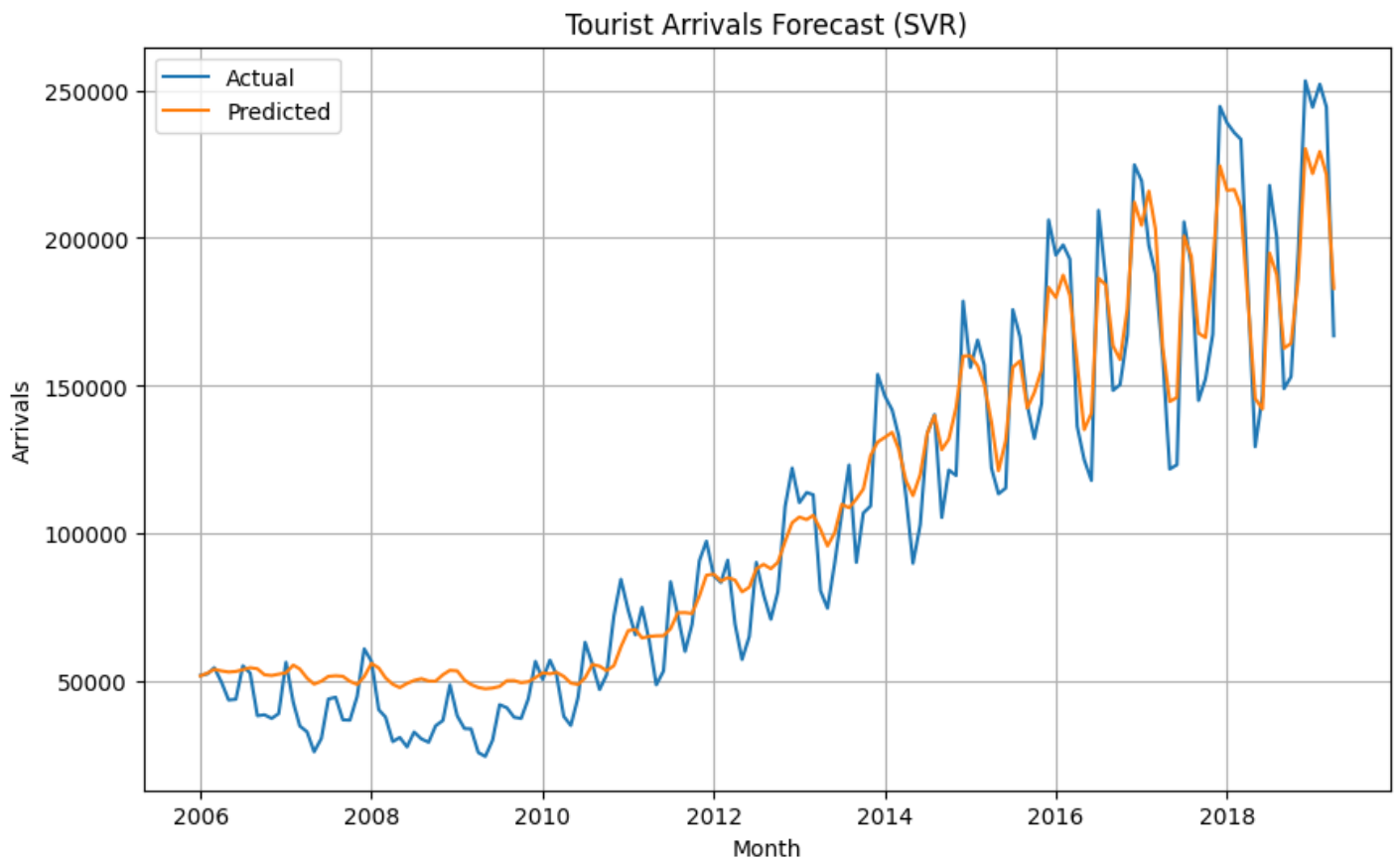
Test MAPE: 21.228251078782172



All RMSE: 14224.615263610976

All MAE: 12290.17277634238

All MAPE: 17.90747838441614



SVR Test ALL

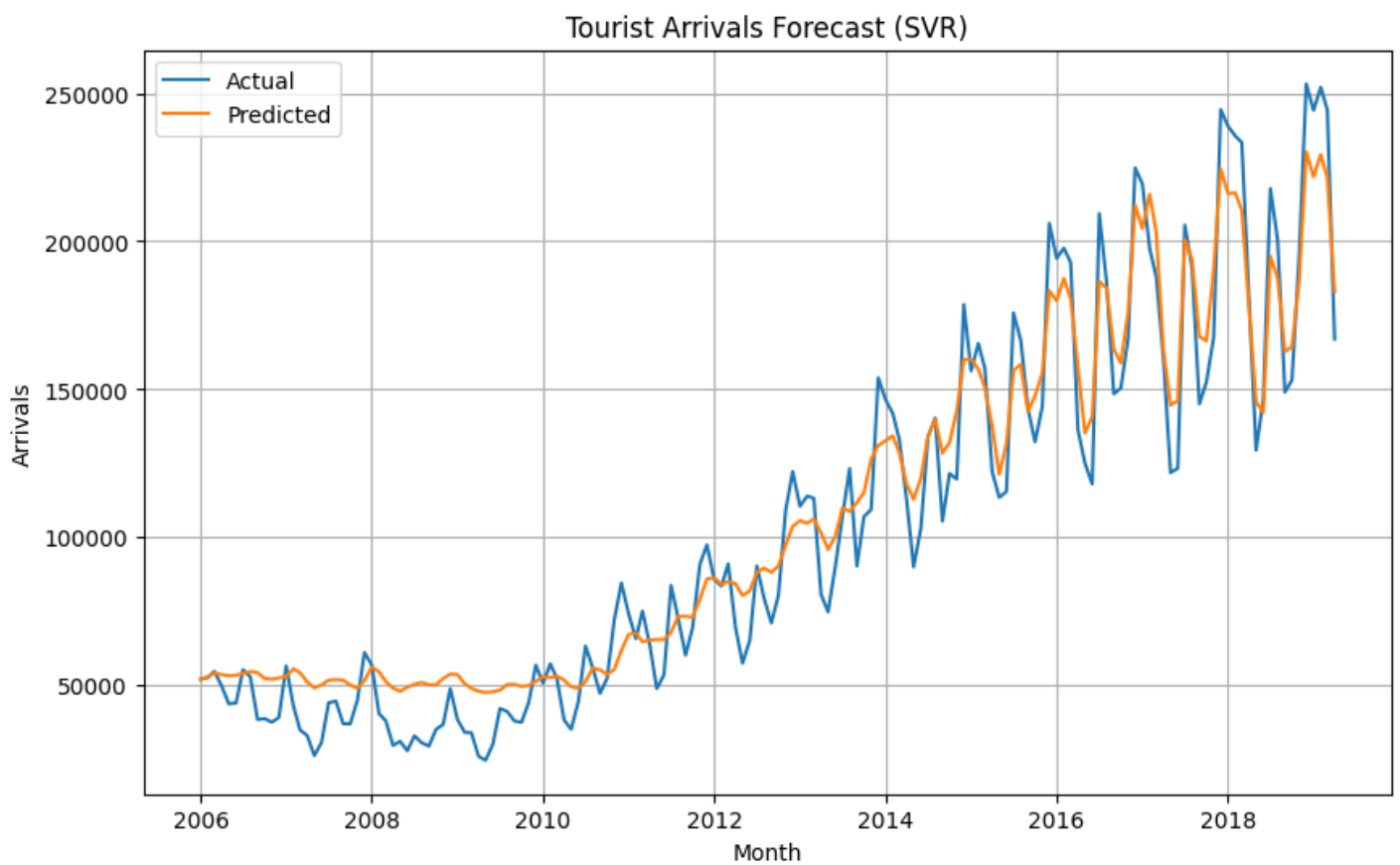
epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

All RMSE: 14224.615263610976

All MAE: 12290.17277634238

All MAPE: 17.90747838441614



RF Test ALL

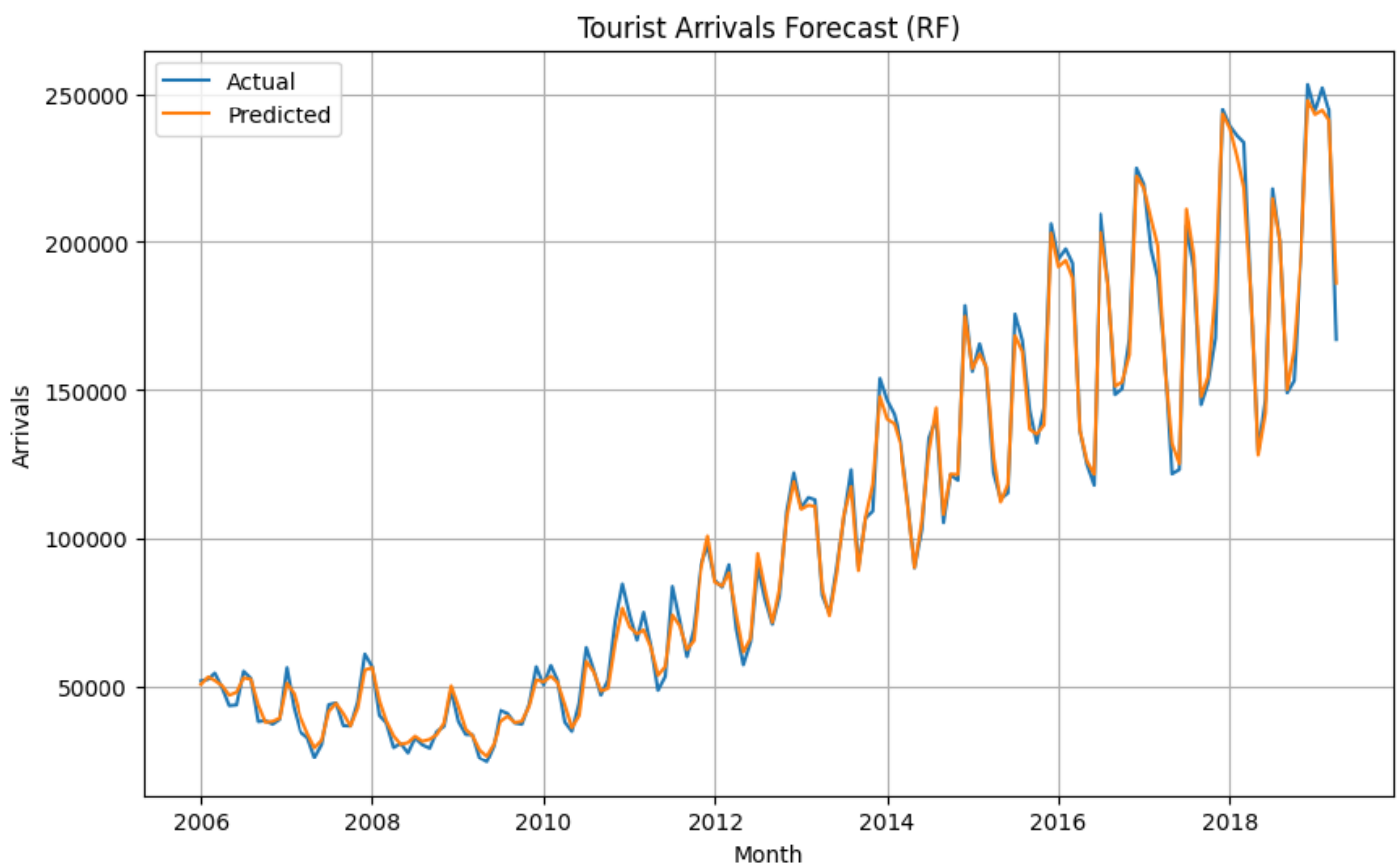
epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

All RMSE: 4415.92706782413

All MAE: 3224.519312499989

All MAPE: 4.698307415163171



▼ ANN Test ALL

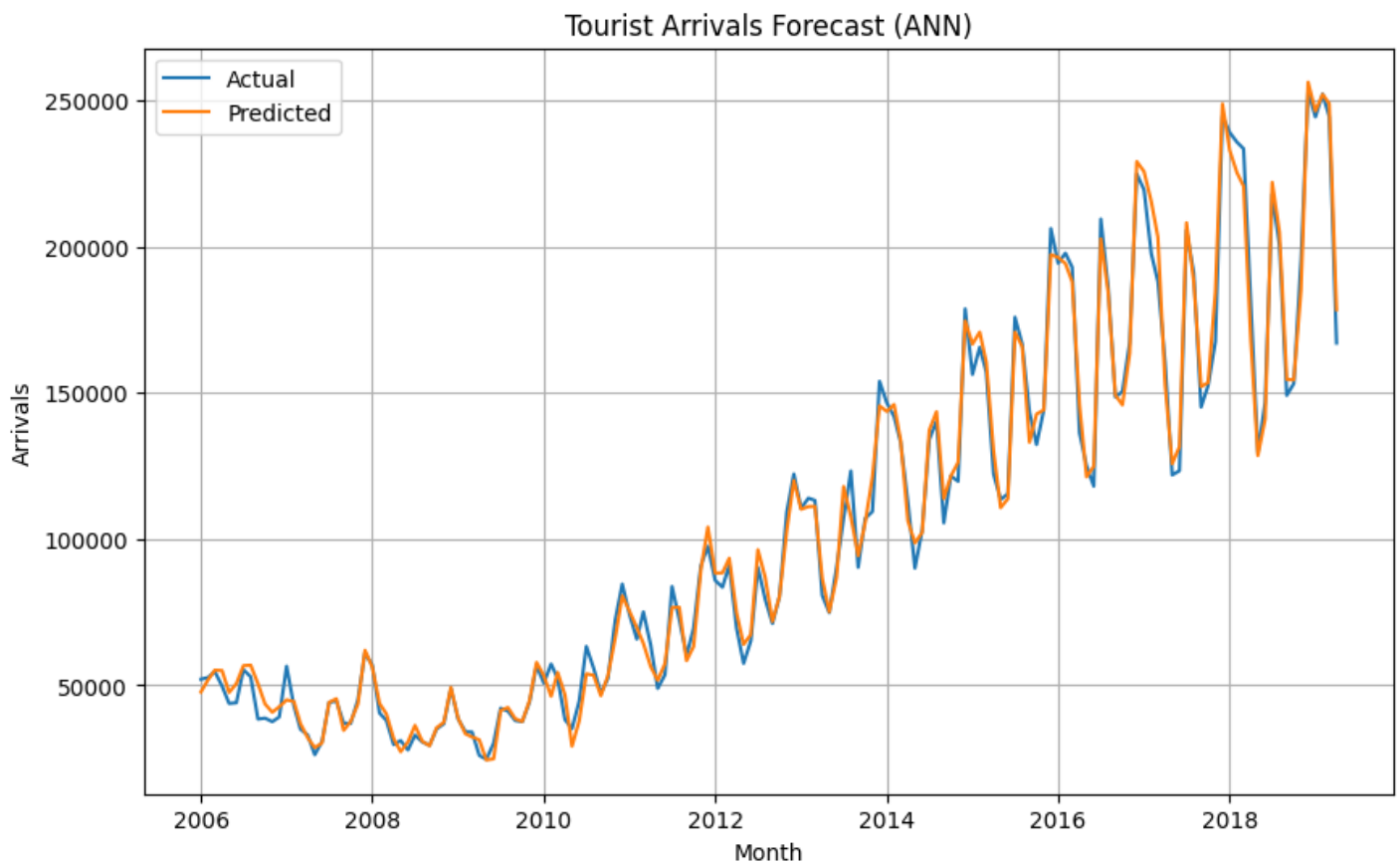
epochs=1000, batch_size=32, verbose=1

2005 - 2019 (April)

All RMSE: 5786.370355151216

All MAE: 4383.268017578125

All MAPE: 6.386669960326047



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