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import finance as f
import numpy as np
from sklearn.preprocessing import Min Max Scaler
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import LSTM, Dense

data = yf.download('AAPL', start='2020-01-01')['Close'].values.reshape(-1, 1)
scaler = MinMaxScaler()
scaled = scaler.fit_transform(data)

X, y = [], []
for i in range(60, len(scaled)):
    X.append(scaled[i-60:i])
    y.append(scaled[i])
X, y = np.array(X), np.array(y)

model = Sequential([LSTM(50, input_shape=(60,1)), Dense(1)])
model.compile(optimizer='adam', loss='mse')
model.fit(X, y, epochs=5, batch_size=32)

pred = model.predict(X)
import matplotlib.pyplot as plt
plt.plot(scaler.inverse_transform(y), label='Actual')
plt.plot(scaler.inverse_transform(pred), label='Predicted')
plt.legend(); plt.show()
```