1. Start by loading the dataset ”daily_weather.csv”.
2. Visualize the time series.
3. Define its index frequency.
4. Split the data in train, validation and test sets.
5. Transform your time series to contain n=6 independent and m=1 dependent variable using the slideWindow function.
6. Convert train/valid/test sets to tensors
7. Make one-step forecasting using a GRU model and a LSTM model to predict the next temperature day.
8. Visualize the forecasts of each one of the models with the test set.
9. Evaluate both predictions, GRU and LSTM, with mae, mse e mape.
10. Make a multi-step forecasting (m=3) using a GRU model and a LSTM model
11. Plot the predictions of each day against the test set.
12. Evaluate both predictions, with mae, mse e mape.