

Time Series Forecasting in Python

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Part I

Time waits for no one

Chapter 1

Understanding time series forecasting

1.1 Forecasting the historical mean

1.1.1 Implementing the historical mean baseline

$$MAPE = \frac{1}{n} \sum_{i=1}^n \left| \frac{A_i - F_i}{A_i} \right| \times 100 \quad (1.1)$$

A_i is the actual value at point i in time, and F_i is the forecast value at point i in time; n is simply the number of forecasts.