

Consider the following datasets:

foottraffic.csv: Average weekly foot traffic in a retail store, starting in the first week of 2000

sunspots.csv: SUNACTIVITY - Number of sunspots for each year from 1700 to 2008, or 309 years of data

cotton.csv: cotton prices variation over 3 years, starting on January 1, 2015

sales.csv: Volume of widget sales for a company over 500 days, starting on January 1, 2019

1. Start by loading each one of the datasets.
2. Plot the time series to visualize them.
3. Does the data look stationary? Why?
4. Based on the plots ACF and PACF determine the most suitable model to predict each one of the time series.