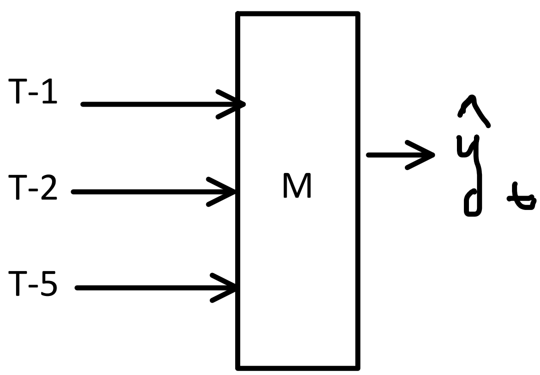
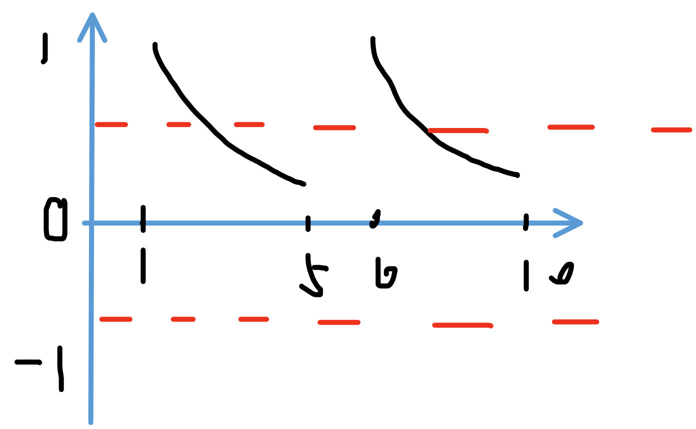
Business Forecasting

Tuesday, September 20, 2022 6:37 PM

(black)Horizontal pattern: stale business
{blue}Trend: business that shrinking or growing
(green)Seasonality:Data exhibit rises and falls that are not of a fixed frequency
Irregular component(e): e = P actual minus P hat. The graph of e should be random.
(red)Cyclical:Affected by seasonal factors such as the time of the year or the day of the week.
Seasonality is always of a fixed and known frequency

Auto correlation





Time series has 3 attribute: start, end, periostitis.

Take one of the dataset in the fpp package.
Periostitis of weekly and monthly
Same stuff we do on the class
Explain the graph a little bit
Do the forecast
Make plot of residuals.
Load library(fpp), data() will show the datasets