Anomaly Detection

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Data Importation

```
dataset3<- read.csv("http://bit.ly/CarreFourSalesDataset",header =T)
```

Load tidyverse and anomalize

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
## v ggplot2 3.3.3     v purrr   0.3.4
## v tibble  3.1.2     v dplyr   1.0.6
## v tidyr   1.1.3     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.1
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## == Use anomalize to improve your Forecasts by 50%! ==============================
## Business Science offers a 1-hour course - Lab #18: Time Series Anomaly Detection!
## </> Learn more at: https://university.business-science.io/p/learning-labs-pro </>
##
## Attaching package: 'data.table'
## The following objects are masked from 'package:dplyr':
##
##     between, first, last
## The following object is masked from 'package:purrr':
##
##     transpose
## # A tibble: 6 x 2
##   month      Sales
##   <date>     <dbl>
## 1 2019-01-01 4745.
## 2 2019-01-02 1946.
## 3 2019-01-03 2078.
## 4 2019-01-04 1624.
## 5 2019-01-05 3537.
## 6 2019-01-06 3614.
## Converting from tbl_df to tbl_time.
## Auto-index message: index = month
## frequency = 7 days
```

```
## trend = 30 days
```

```
## Registered S3 method overwritten by 'quantmod':
##   method            from
##   as.zoo.data.frame zoo
```