DataBase Documentation

Kinif Pierrick

26 mars 2018

Introduction

The goal of this pdf document is threefold. Firstly I give a description of the database and explain how I built it. Secondly it aims at getting a handle on the data. Lastly I describe each variables.

Database Description

Get a handle on my data

First, let me import my database.For this I use the `read.table` function from the `utils` package [@Henrik-Bengtsson2017].

```
library(utils)
DataBase<-data.frame(read.table("DataBase_26032018.csv", sep = ";", header = TRUE ))
```

The `dim` function shows that the database contains 1585 rows and 25 variables.

```
dim(DataBase)
```

```
## [1] 1585    25
```

Let's have a closer look on the database in using the `names` and `head` function. The first one lists name of each variable whereas the second one returns the first lines of the database.

```
##  [1] "Ticker"                 "YearFinancialIndicator"
##  [3] "GisSector"              "FichierSTCKP"
##  [5] "CompanyGR2014"          "CompanyGR2015"
##  [7] "CompanyGR2016"          "DebtRatio"
##  [9] "NetMargin"              "ROA"
## [11] "PriceToBookRatio"       "ROE"
## [13] "PayoutRatio"            "RetentionRatio"
## [15] "YearNewsWeekGR"         "RankNewsWeekGR"
## [17] "GreenScore"             "EnergyProductivity"
## [19] "CarbonProductivity"     "WaterProductivity"
## [21] "WasteProductivity"      "GreenReputation"
## [23] "SustainabilityPayLink"  "SustainableThemedCommitment"
## [25] "AuditScore"
```

```
##   Ticker YearFinancialIndicator        GisSector FichierSTCKP
## 1   ANDV                   2012           Energy         <NA>
## 2   ANDV                   2013           Energy         <NA>
## 3   ANDV                   2014           Energy         <NA>
## 4   ANDV                   2015           Energy         <NA>
## 5     BG                   2012 Consumer Staples         <NA>
## 6     BG                   2013 Consumer Staples         <NA>
##   CompanyGR2014
## 1         tesoro
```

```
## 2         tesoro
## 3         tesoro
## 4         tesoro
## 5          bunge
## 6          bunge
```

Reference