

Titanic - mode|line

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27 January 2018

Setup parameters

```
data.dir <- 'C:/Users/leoxu/Google Drive/01 Projects/02 Titanic/Input data'

project.name <- 'Titanic'
project.version <- '1.0'
project.date <- '2018-01-27'

df <- read.csv(paste(data.dir, 'train.csv', sep = '/'), header = TRUE)

df.pkey <- 'PassengerId'
```

Loading libraries and run code|line package

```
devtools::install_github("Lee0h/modeline")
library(modeline)
```

Run mode|line

```
df.modeline <- dataSumm(df)
```

Data summary

| Label | Value |
|--------------------|--------------|
| Project name: | Titanic v1.0 |
| Date: | 2018-01-27 |
| Number of factors: | 12 |
| Number of rows: | 891 |
| Unique identifier: | PassengerId |

Factor summary

| Factor ID | Name | Data type | Unique values | NA values | % NA values |
|-----------|-------------|-----------|---------------|-----------|-------------|
| 1 | PassengerId | integer | 891 | 0 | 0% |
| 2 | Survived | integer | 2 | 0 | 0% |
| 3 | Pclass | integer | 3 | 0 | 0% |
| 4 | Name | factor | 891 | 0 | 0% |
| 5 | Sex | factor | 2 | 0 | 0% |
| 6 | Age | numeric | 89 | 177 | 19.9% |
| 7 | SibSp | integer | 7 | 0 | 0% |
| 8 | Parch | integer | 7 | 0 | 0% |
| 9 | Ticket | factor | 681 | 0 | 0% |
| 10 | Fare | numeric | 248 | 0 | 0% |
| 11 | Cabin | factor | 148 | 0 | 0% |
| 12 | Embarked | factor | 4 | 0 | 0% |

Factor plots

```
## $plots
```



