Getting Data Into R

Code

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```
# getting data into R

theDoors_names <- c('james','rey','robby','john')

theDoors_age <- c(47,50,55,49)


# creating DataFrames

theDoors <- data.frame(Name=theDoors_names,Age=theDoors_age)

theDoors
```

Name <chr>	Age <dbl>
james	47
rey	50
robby	55
john	49

4 rows

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```
# getting ages
theDoors$Age
```

```
[1] 47 50 55 49
```

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```
# getting names
theDoors$Name
```

```
[1] "james" "rey"   "robby" "john"
```

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```
# adding a column, as pandas df['childAge']=[12,12,4,6]
theDoors$childAge = c(12,12,4,6)

theDoors
```

Name <chr>	Age <dbl>	childAge <dbl>
james	47	12
rey	50	12
robby	55	4
john	49	6

4 rows

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```
# gives column names as panda s df.columns
names(theDoors)
```

```
[1] "Name"     "Age"      "childAge"
```

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```
# other way to combine variables in R ,list() and cbind()

# i) list
TheDoors <- list(theDoors_names,theDoors_age)
TheDoors
```

```
[[1]]
[1] "james" "rey"   "robby" "john"

[[2]]
[1] 47 50 55 49
```

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```
TheDoors[2]
```

```
[[1]]
[1] 47 50 55 49
```

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```
# Calculating new variables from exisiting ones
theDoors$fatherHoodAge <- theDoors$Age - theDoors$childAge
theDoors
```

Name <chr>	Age <dbl>	childAge <dbl>	fatherHoodAge <dbl>
james	47	12	35
rey	50	12	38
robby	55	4	51
john	49	6	43

4 rows

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```
# clearing the variables in global enviroment
rm(list = ls())
```