

## 9\_ReadingTabularData

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### how to read tabular data read.tabel and read.csv()

directly reading csv file

```
auc <- read.csv("C:\\Users\\Administrator\\Desktop\\Data_Science\\Project_1_Rstudio\\Data\\auction.csv")

head(auc)
```

```
##      auctionid  bid  bidtime      bidder bidderrate openbid price
## 1 1638893549 175.0 2.230949 schadenfreud          0      99 177.5
## 2 1638893549 100.0 2.600116         chuik          0      99 177.5
## 3 1638893549 120.0 2.600810      kiwisstuff        2      99 177.5
## 4 1638893549 150.0 2.601076      kiwisstuff        2      99 177.5
## 5 1638893549 177.5 2.909826 eli.flint@flightsafety.co 4      99 177.5
## 6 1639453840   1.0 0.355856      bfalconb         2       1 355.0
##              item  auction_type
## 1 Cartier wristwatch 3 day auction
## 2 Cartier wristwatch 3 day auction
## 3 Cartier wristwatch 3 day auction
## 4 Cartier wristwatch 3 day auction
## 5 Cartier wristwatch 3 day auction
## 6 Cartier wristwatch 3 day auction
```

using file connection

```
data_1 <- file("C:\\Users\\Administrator\\Desktop\\Data_Science\\Project_1_Rstudio\\Data\\auction.csv",
auction <- read.csv(data_1)

print(head(auction))
```

```
##      auctionid  bid  bidtime      bidder bidderrate openbid price
## 1 1638893549 175.0 2.230949 schadenfreud          0      99 177.5
## 2 1638893549 100.0 2.600116         chuik          0      99 177.5
## 3 1638893549 120.0 2.600810      kiwisstuff        2      99 177.5
## 4 1638893549 150.0 2.601076      kiwisstuff        2      99 177.5
```

```
## 5 1638893549 177.5 2.909826 eli.flint@flightsafety.co      4      99 177.5
## 6 1639453840   1.0 0.355856                bfalconb      2       1 355.0
##           item auction_type
## 1 Cartier wristwatch 3 day auction
## 2 Cartier wristwatch 3 day auction
## 3 Cartier wristwatch 3 day auction
## 4 Cartier wristwatch 3 day auction
## 5 Cartier wristwatch 3 day auction
## 6 Cartier wristwatch 3 day auction
```

```
close(data_1)
```

how to read first 10 line

```
data_1 <- file("C:\\Users\\Administrator\\Desktop\\Data_Science\\Project_1_Rstudio\\Data\\auction.csv",
auc <- read.csv(data_1,10)
print(head(auc))
```

```
## auctionid bid bidtime bidder bidderrate openbid price
## 1 1638893549 175.0 2.230949 schadenfreud 0 99 177.5
## 2 1638893549 100.0 2.600116 chuik 0 99 177.5
## 3 1638893549 120.0 2.600810 kiwisstuff 2 99 177.5
## 4 1638893549 150.0 2.601076 kiwisstuff 2 99 177.5
## 5 1638893549 177.5 2.909826 eli.flint@flightsafety.co 4 99 177.5
## 6 1639453840 1.0 0.355856 bfalconb 2 1 355.0
##           item auction_type
## 1 Cartier wristwatch 3 day auction
## 2 Cartier wristwatch 3 day auction
## 3 Cartier wristwatch 3 day auction
## 4 Cartier wristwatch 3 day auction
## 5 Cartier wristwatch 3 day auction
## 6 Cartier wristwatch 3 day auction
```

```
close(data_1)
```

creating connection to url

```
con <- url("http://google.com","r",)
x <- readLines(con)
```

```
## Warning in readLines(con): incomplete final line found on 'http://google.com'
```

```
head(x)
```

```
## [1] "<!doctype html><html itemscope=\"\" itemType=\"http://schema.org/WebPage\" lang=\"en-IN\"><head
## [2] \"var f,h=[];function k(a){for(var b;a&&(!a.getAttribute||(b=a.getAttribute(\"eid\")));)a=a.pare
## [3] \"function m(a,b,c,d,g){var e=\"\";c||-1!=b.search(\"&ei=\")||(e=\"&ei=\"+k(d),-1==b.search(\"&le
## [4] \"google.y={};google.sy=[];google.x=function(a,b){if(a)var c=a.id;else{do c=Math.random();while(g
## [5] \"document.documentElement.addEventListener(\"submit\",function(b){var a;if(a=b.target){var c=a.g
## [6] \"</style><style>body,td,a,p,.h{font-family:arial,sans-serif}body{margin:0;overflow-y:scroll}#gog
```

```
close(con)
```