

RStudio tips and shortcuts

Different ways to execute code in RStudio

Highlight a chunk of code that you want to execute and press ctrl + Enter (cmd + Enter on a Mac)

```
```${r}```  
R code goes here
x <- 5
y <- 7
z <- x * y
z
```\n
```



Console Terminal x Jobs x

~/Desktop/projects/ ↗

```
> x <- 5  
> y <- 7  
> z <- x * y  
> z  
[1] 35  
> \n
```

Different ways to execute code in RStudio

Place your pointer on a line you want to execute and press ctrl + Enter (cmd + Enter on a Mac)

```
```${r}  
R code goes here
x <- 5
y <- 7
z <- x * y
z
```
```



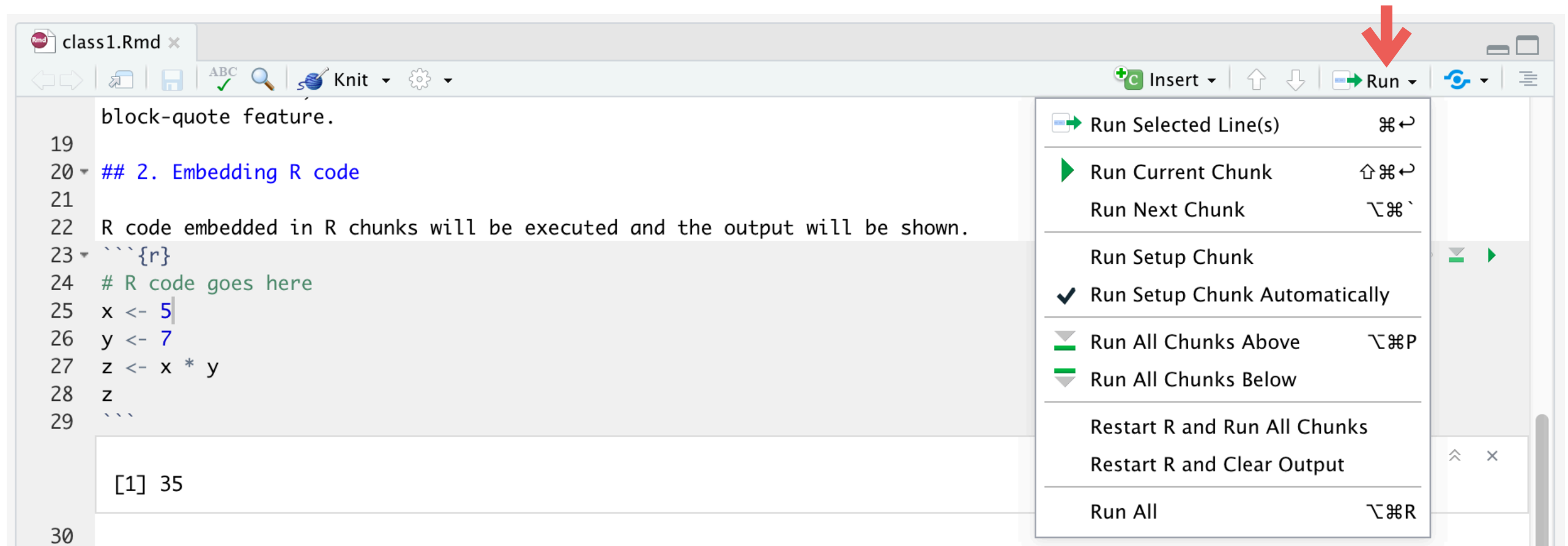
Console Terminal × Jobs ×

~/Desktop/projects/ ↗

```
> z <- x * y  
> |
```

Different ways to execute code in RStudio

Press “Run” button



Recall executed code

If you are working in the console, press “up” to get the previously executed lines of code

```
Console Terminal x Jobs x
~/Desktop/projects/ ↗
> z <- x * y
> z
[1] 35
> |
```



```
Console Terminal x Jobs x
~/Desktop/projects/ ↗
> z <- x * y
> z
[1] 35
> z
```



```
Console Terminal x Jobs x
~/Desktop/projects/ ↗
> z <- x * y
> z
[1] 35
> z <- x * y|
```


Shortcuts for coding

ctrl + shift + m (cmd + shift + m on a Mac) produces a pipe operator `%>%` (will be used with tidyverse)

Shortcuts for coding

ctrl + shift + c (cmd + shift + c on a Mac) comments/uncomments lines

```
```${r}  
R code goes here
x <- 5
y <- 7
```



```
```${r}  
# R code goes here  
# x <- 5  
# y <- 7
```

Shortcuts for coding

ctrl + i (cmd + i on a Mac) reindents lines

```
```${r}  
R code goes here
x <- 5
 y <- 7
z <- x * y
```



```
```${r}  
# R code goes here  
x <- 5  
y <- 7  
z <- x * y
```


Shortcuts for coding

Highlight a word and press shift + “ to put quotation marks around the word

```
```{r}  
R code goes here
x <- hello
x
```
```



```
```{r}  
R code goes here
x <- "hello"
x
```
```

Shortcuts for coding

Highlight a word and press shift + (to put parentheses around the word

```
`` `{r}  
# R code goes here  
x <- 9, 10  
x  
`` `
```

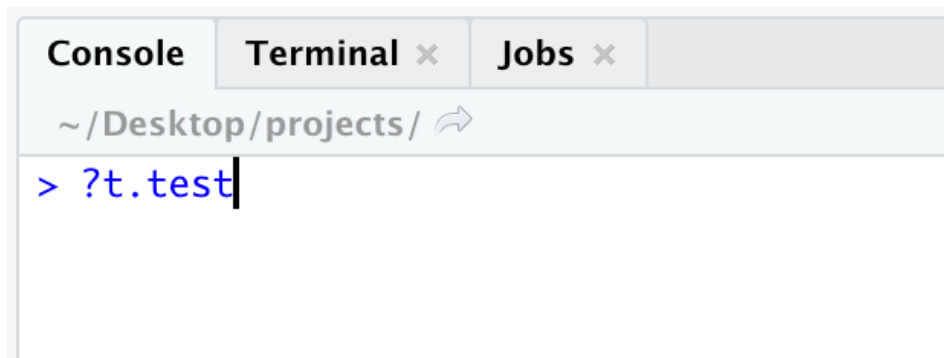


```
`` `{r}  
# R code goes here  
x <- (9, 10)  
x  
`` `
```

Troubleshooting

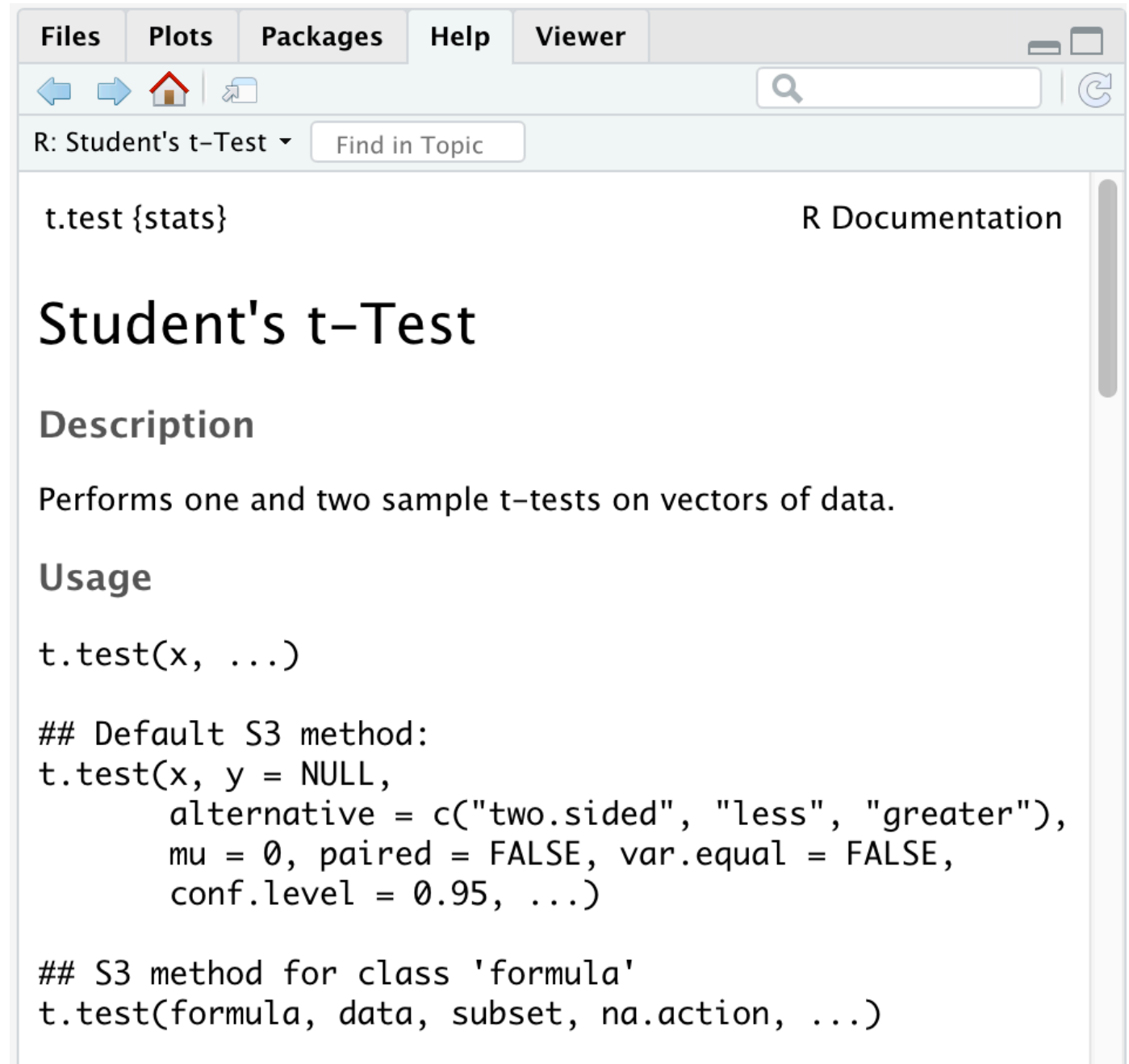
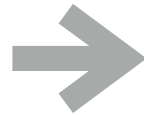
Ask RStudio for help

type `?function` into console



The image shows the RStudio Console window. The top bar has tabs for 'Console', 'Terminal', and 'Jobs'. The console path is `~/Desktop/projects/`. The command `> ?t.test` is entered at the prompt.

```
~/Desktop/projects/
> ?t.test
```



The image shows the RStudio Help window. The top bar has tabs for 'Files', 'Plots', 'Packages', 'Help', and 'Viewer'. The search bar contains 'R: Student's t-Test'. The main content area displays the documentation for the `t.test` function.

```
R: Student's t-Test
Find in Topic

t.test {stats} R Documentation

Student's t-Test

Description
Performs one and two sample t-tests on vectors of data.

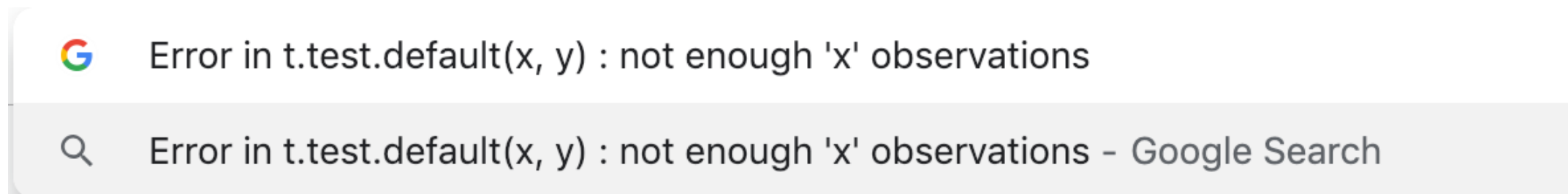
Usage
t.test(x, ...)

## Default S3 method:
t.test(x, y = NULL,
       alternative = c("two.sided", "less", "greater"),
       mu = 0, paired = FALSE, var.equal = FALSE,
       conf.level = 0.95, ...)

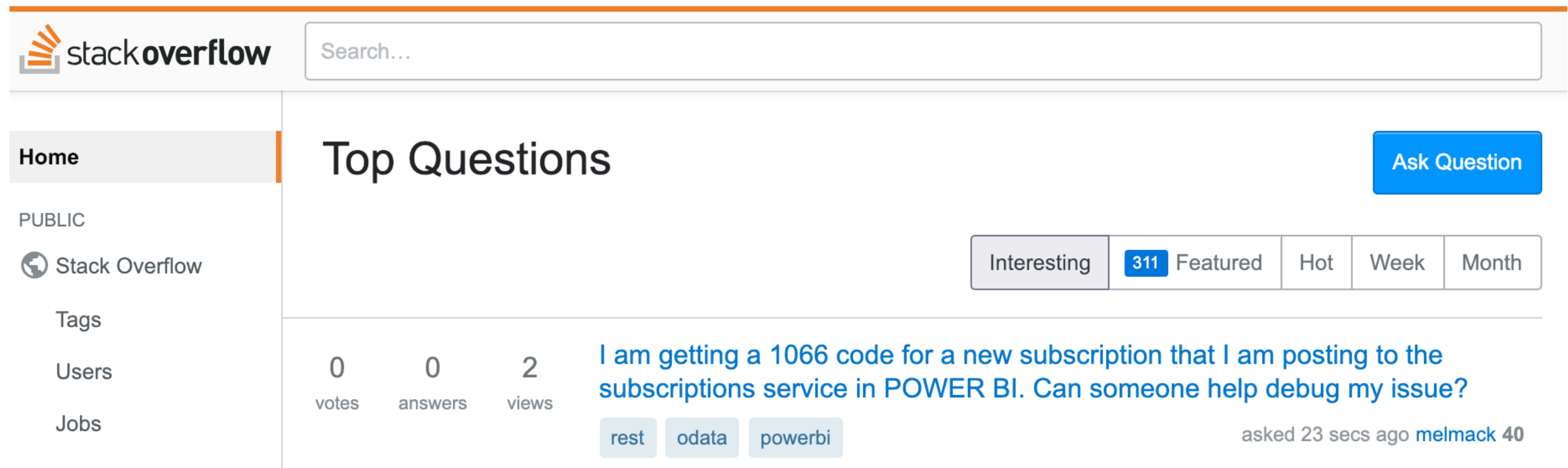
## S3 method for class 'formula'
t.test(formula, data, subset, na.action, ...)
```

Ask Google and stackoverflow for help

google error messages



www.stackoverflow.com



How to succeed in SDS 348/385?

Write more code

Learn more about R and R studio on twitter

The screenshot shows a Twitter thread with several tweets. The top tweet is from Mara Averick (@dataandme) dated Jan 21. Below it are tweets from David Robinson (@drob) dated Jan 18, Emily Robinson (@robinson_es) dated Jan 10, Nic Crane (@nic_crane) dated 27 Nov 2018, Hadley Wickham (@hadleywickham) dated 17 Aug 2018, and Jenny Bryan (@JennyBryan) dated 21 Jul 2018. Jenny Bryan's tweet includes the text "Code Smells and Feels" and "The video of my @useR2018_conf talk has been re-uploaded (at a new link), now with synchronized audio and video 🎥 #rstats thx @RConsortium" followed by the link "youtu.be/7oyiPBjLAWY". Below the tweets is a navigation bar with icons for Home, Moments, Notifications, and Messages. To the right of the navigation bar is a search bar containing "#rstats". Below the navigation bar is a large orange banner with the text "#rstats". Below the banner is a row of tabs: Top, Latest, People, Photos, Videos, News, and Broadcasts. The "Top" tab is selected. Below the tabs is a tweet from Katie Jolly (@katiejolly6) dated Jan 21. The tweet text is "New #rstats blogpost! I wanted to design circular cutouts of maps as holiday gifts and did it using #sf and #ggplot2 🛠️🌍 Also just realized it's been a little over a year since my very first post! 🌟katiejolly.io/blog/2019-01-2...".

Mara Averick @dataandme · Jan 21

David Robinson @drob · Jan 18

Emily Robinson @robinson_es · Jan 10

Nic Crane @nic_crane · 27 Nov 2018

Hadley Wickham @hadleywickham · 17 Aug 2018

Jenny Bryan @JennyBryan · 21 Jul 2018

Code Smells and Feels

The video of my @useR2018_conf talk has been re-uploaded (at a new link), now with synchronized audio and video 🎥 #rstats thx @RConsortium

youtu.be/7oyiPBjLAWY

Home Moments Notifications Messages

#rstats

#rstats

Top Latest People Photos Videos News Broadcasts

Katie Jolly @katiejolly6 · Jan 21

New #rstats blogpost! I wanted to design circular cutouts of maps as holiday gifts and did it using #sf and #ggplot2 🛠️🌍 Also just realized it's been a little over a year since my very first post! 🌟katiejolly.io/blog/2019-01-2...