

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  
`` `
```



```
Console Terminal x Jobs x  
~/Desktop/projects/ ↗  
> x <- 5  
> y <- 7  
> z <- x * y  
> z  
[1] 35  
> |
```

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
```
```



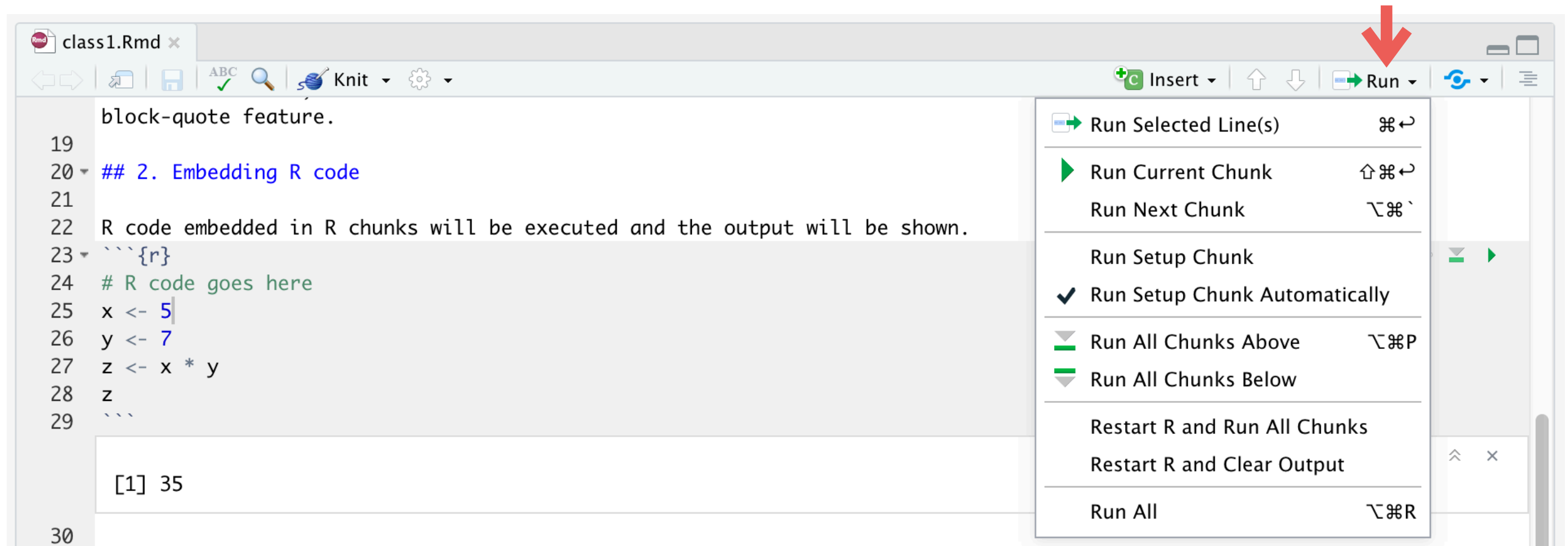
Console Terminal × Jobs ×

~/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  
`` `
```

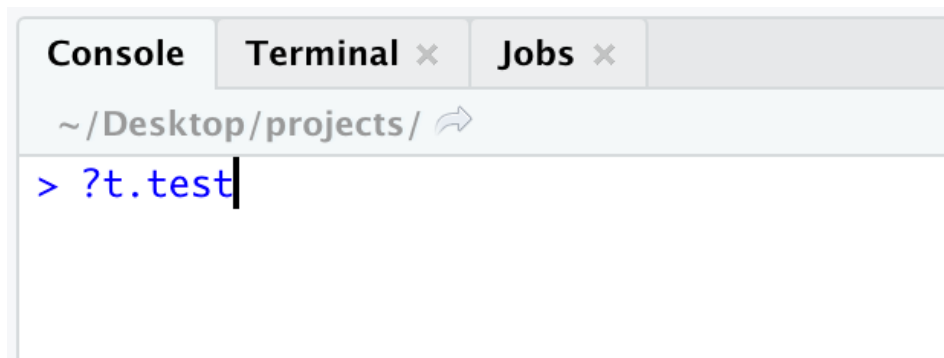


```
`` `{r}  
# R code goes here  
x <- (9, 10)  
x  
`` `
```

Troubleshooting

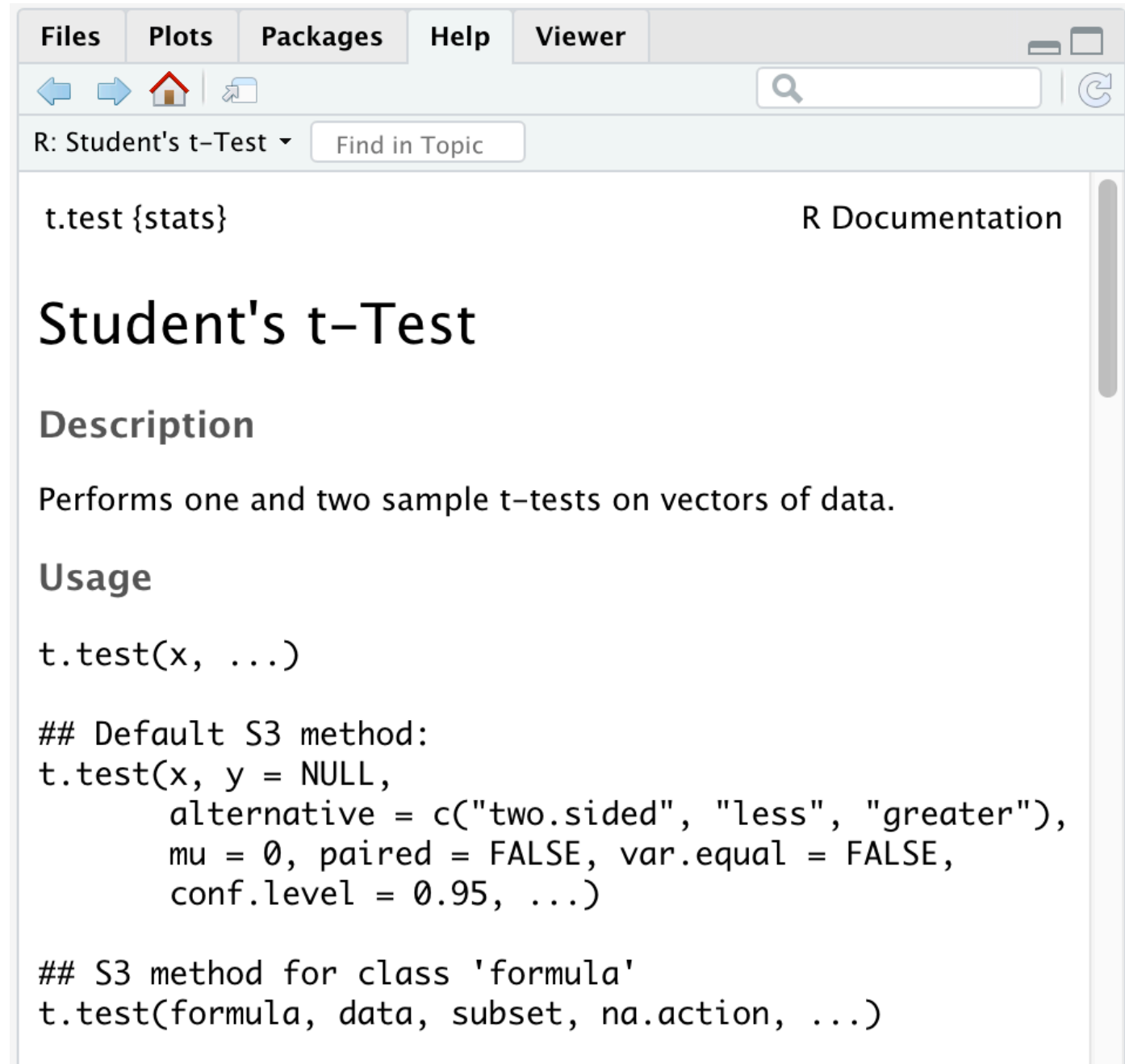
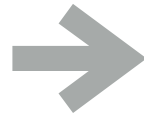
Ask RStudio for help

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
```

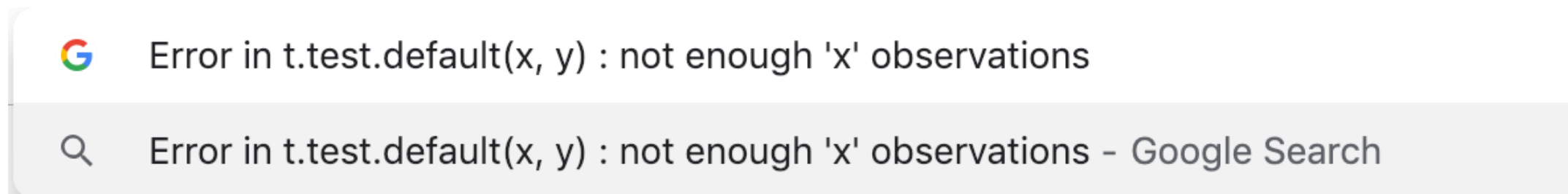


The image shows the RStudio Help window. The top bar has tabs for 'Files', 'Plots', 'Packages', 'Help', and 'Viewer'. The search bar contains 'R: Student's t-Test'. The main content area displays the documentation for the `t.test` function.

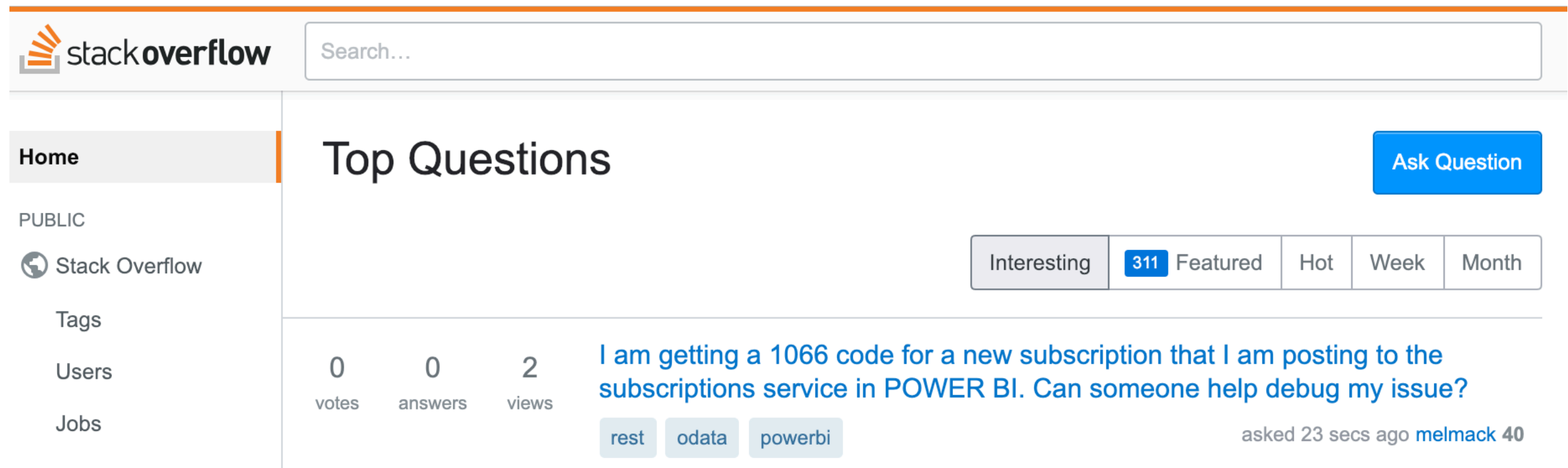
```
R: Student's t-Test Find in Topic  
t.test {stats} R Documentation  
  
Student's t-Test  
  
Description  
Performs one and two sample t-tests on vectors of data.  
  
Usage  
t.test(x, ...)  
  
## Default S3 method:  
t.test(x, y = NULL,  
       alternative = c("two.sided", "less", "greater"),  
       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 RStudio on twitter

The screenshot shows a Twitter search results page for the hashtag #rstats. The top section displays a list of tweets from various users, including Mara Averick (@dataandme), David Robinson (@drob), Emily Robinson (@robinson_es), Nic Crane (@nic_crane), Hadley Wickham (@hadleywickham), and Jenny Bryan (@JennyBryan). The tweet from Jenny Bryan is highlighted, showing her profile picture, name, handle, and the text of her tweet: "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". Below the tweets, there is a navigation bar with icons for Home, Moments, Notifications, and Messages. The #rstats hashtag is displayed in a large orange banner. Below the banner, there are tabs for Top, Latest, People, Photos, Videos, News, and Broadcasts. The bottom section shows a tweet from Katie Jolly (@katiejolly6) dated Jan 21, which mentions a new #rstats blogpost about designing circular cutouts of maps as holiday gifts using #sf and #ggplot2.

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

> librar
> librar
> test_s

Home Moments Notifications Messages

#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...