# Step 1: Installing the package

emayili is now on CRAN so you can install it directly from there.

If you want to get the development version, you can download it using devtools::install\_github() # Option 1: Download the `emayili` package from CRAN

install.packages("emayili")

# Option 2: Download the emayili package from Github with the `devtools` package

# Step 2: writing your email

Because there are many customizable options for writing an email with emayili, I have put together a function called write\_email() which contains the arguments which I wanted. You could just pipe (%>%) everything together and not have a function, but for our script – having a pre-built function makes things easier IMHO.

There are definitely better ways to do this, but here is what worked for me!

## The function:

library(emayili)

write\_email<-function(sender,

reciever, reciever\_name, subject\_line, opening\_line= "Dear", body\_text){

all\_text<-paste(opening\_line,reciever\_name,",","\n",body\_text) #Using emayili

envelope()%>% from(sender)%>% to(reciever)%>% subject(subject\_line)%>% text(content =all\_text)

}

The first four arguments are self explanitory. The opening\_line argument I have set as default as "Dear" which is essentially a introduction line that you can have to address your recipient. You can change it to "Hello" or whatever you like.

The body\_text argument is the standard text you would like to include. This is all put together into the all\_text variable embedded in the function and passed into the the text() function which was chained to the rest of the emayili functions.

## Using mapply() to implement the merge:

mapply(function(email,name){

email<-write\_email(sender="[myemail@hotmail.com](mailto:myemail@hotmail.com)",

reciever=email, reciever\_name = name,

subject\_line='Personal from R', body\_text=

"\nThanks for letting me spam your email with my robot

\n\nBest,\n\nBenjamin")

# Instalize STMP server

smtp <- server(host = "smtp.live.com",

port = 587,

username = "[myemail@hotmail.com](mailto:myemail@hotmail.com)", password = '\*\*\*\*\*\*\*\*')

smtp(email, verbose = TRUE)

# Added System Sleep to Not slam the server with requests and to # avoid an ip-ban.

Sys.Sleep(runif(1, max=5))

},res,nams)

To send the email we need to instalize a STMP server. Based on the host you will be using your port will vary.

**Conclusion**

Breaking into tech can be tough. Just because you are not in tech doesn’t mean you can’t use a programming language like R to help with your work- even if you work in sales or admin.

I hope this blog opens your mind to using R beyond statistical analysis.

Let me know what you think!