Flights

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library(htmltab)  
url <- "http://www.cso.ie/px/pxeirestat/Statire/SelectOut/PxSort.asp?file=20181241639407243069CTM01&PLanguage=0&MainTable=CTM01&MainTablePrestext=Passenger%20Movement%20(Number)&potsize=9297"  
CorkAirport <- htmltab(doc=url, which=1)  
head(CorkAirport)  
  
rownames(CorkAirport) <- c(1:1033)  
  
head(CorkAirport)  
  
CorkAirport$`2017M01` <- as.integer(CorkAirport$`2017M01`)  
CorkAirport$`2017M02` <- as.integer(CorkAirport$`2017M02`)  
CorkAirport$`2017M03` <- as.integer(CorkAirport$`2017M03`)  
CorkAirport$`2017M04` <- as.integer(CorkAirport$`2017M04`)  
CorkAirport$`2017M05` <- as.integer(CorkAirport$`2017M05`)  
CorkAirport$`2017M06` <- as.integer(CorkAirport$`2017M06`)  
CorkAirport$`2017M07` <- as.integer(CorkAirport$`2017M07`)  
CorkAirport$`2017M08` <- as.integer(CorkAirport$`2017M08`)  
CorkAirport$`2017M09` <- as.integer(CorkAirport$`2017M09`)  
  
CorkAirport <- CorkAirport[apply(CorkAirport!=0, 1, all),]

# ———————-

Trip Advisor Code

#-- Dublin Accommodation --  
  
DublinAccommodation <- read\_html("https://www.tripadvisor.ie/Hotels-g186604-County\_Dublin-Hotels.html")  
  
DublinAccommodation <- DublinAccommodation %>% html\_nodes('.prw\_filters\_hsx\_radio\_resp .label') %>% html\_text()  
  
DublinAccommodation

# ———————–

Merge Code

IrishAccom <- read.csv(file="C:\\Users\\Robbie\\Documents\\College\\GitHub\\SoftwareProjectExcel\\ProjectData\\IrishAccomodation.csv", header=TRUE, sep=",")  
IrishAct <- read.csv(file="C:\\Users\\Robbie\\Documents\\College\\GitHub\\SoftwareProjectExcel\\ProjectData\\IrishActivities.csv", header=TRUE, sep=",")  
  
IrishTourism <- merge(IrishAccom, IrishAct,by=c("county","prov"))  
  
IrishTourism$X <- NULL  
IrishTourism$id.x <- NULL  
IrishTourism$id.y <- NULL  
  
write.table(IrishTourism, file = "C:\\Users\\Robbie\\Documents\\College\\GitHub\\SoftwareProjectExcel\\ProjectData\\IrishTourismAll.csv")

# ————————

library(highcharter)  
  
hc <- highchart() %>%  
 hc\_xAxis(categories = flightYear$year) %>%  
 hc\_add\_series(name = "Inward Passengers Dublin", data = flightyear$Dublin) %>%  
 hc\_add\_series(name = "Inward Passengers Cork", data = flightyear$Cork) %>%  
 hc\_add\_series(name = "Inward Passengers Shannon", data = flightyear$Shannon) %>%  
hc

# —————————

output$plotPieChartForeign2 = renderPlotly({  
 plotPieChartForeign2 <- plot\_ly(ForeignMap, labels = ~country, values = ~total, type = 'pie') %>%  
 layout(title = 'Passenger percentage by Country',  
 xaxis = list(showgrid = FALSE, zeroline = FALSE, showticklabels = FALSE),  
 yaxis = list(showgrid = FALSE, zeroline = FALSE, showticklabels = FALSE),margin = list(t = 50, b = 120))  
 })