Austin

may use: price, availabilty, apartmant, hotel, single room, distance?, number of reviews, minimum nights

DISTANCE: calculate distance in meter calculated to km, its measured from the downtown of Austin

Cleaning:

drop neighbourhood column due large number of missing values

drop listings where availabilty s zero

should do:

#################################################

# Look for interactions

################################################

#Look up room type interactions

p1 <- price\_diff\_by\_variables2(data, "f\_room\_type", "d\_familykidfriendly", "Room type", "Family kid friendly")

p2 <- price\_diff\_by\_variables2(data, "f\_room\_type", "f\_property\_type", "Room type", "Property type")

#Look up canelation policy

p3 <- price\_diff\_by\_variables2(data, "f\_cancellation\_policy", "d\_familykidfriendly", "Cancellation policy", "Family kid friendly")

p4 <- price\_diff\_by\_variables2(data, "f\_cancellation\_policy", "d\_tv", "Cancellation policy", "TV")

#Look up property type

p5 <- price\_diff\_by\_variables2(data, "f\_property\_type", "d\_cats", "Property type", "Cats")

p6 <- price\_diff\_by\_variables2(data, "f\_property\_type", "d\_dogs", "Property type", "Dogs")