

R Practice for Tech Orientation

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1 Check GPU Types - Aggregated

There were too many different GPU Types spelled differently. Data were aggregated into 'Intel', 'Apple M1', etc.

```
#-----#  
# Examine GPU #  
#-----#  
GPU <- dat$`GPU (short description as a string)`[-2]  
# lots of different spellings -> use regular expression to group them  
GPU_abbv <- stri_replace_all_regex(GPU, "[Ii]ntel.*|.*Intel.*", "Intel")  
GPU_abbv <- stri_replace_all_regex(GPU_abbv, "Apple.*", "Apple M1")  
GPU_abbv <- stri_replace_all_regex(GPU_abbv, "NVIDIA.*", "NVIDIA")  
which(GPU_abbv == "8")  
  
## [1] 8  
  
which(GPU_abbv == "equipment that quickly alters memory to render graphics")  
  
## [1] 14  
  
GPU_abbv[c(8, 14)] <- "Other"
```

GPU Name	Frequency
AMD	1
Apple M1	12
GTX 1050ti	1
Intel	38
M1 Pro	1
NVIDIA	6
Other	2

