icdm

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Load libraries:

```r
library(data.table)
library(RSQLite)
library(caret)
```

Connect to database and examine tables:

```r
db <- dbConnect(SQLite(), dbname="input/database.sqlite")
tables <- dbListTables(db)
for (table in tables) {
  cat(table, ":\n", sep="")
  print(dbListFields(db,table))
  cat("\n")
}
```

```
## cookies:
##  [1] "drawbridge_handle" "cookie_id"         "computer_os_type"
##  [4] "browser_version"   "country"           "anonymous_c0"
##  [7] "anonymous_c1"      "anonymous_c2"      "anonymous_5"
## [10] "anonymous_6"       "anonymous_7"
##
## devices:
##  [1] "drawbridge_handle" "device_id"         "device_type"
##  [4] "device_os"         "country"           "anonymous_c0"
##  [7] "anonymous_c1"      "anonymous_c2"      "anonymous_5"
## [10] "anonymous_6"       "anonymous_7"
##
## id_ips:
## [1] "device_or_cookie_id"       "device_or_cookie_indicator"
## [3] "ip"                        "ip_freq_count"
## [5] "idxip_anonymous_c1"        "idxip_anonymous_c2"
## [7] "idxip_anonymous_c3"        "idxip_anonymous_c4"
## [9] "idxip_anonymous_c5"
##
## id_properties:
## [1] "device_or_cookie_id"
## [2] "device_or_cookie_indicator"
## [3] "property_id"
## [4] "unique_days_seeing_property_on_device_or_cookie_id"
##
## ips:
## [1] "ip_address"       "is_cellular_ip"  "ip_total_freq"    "ip_anonymous_c0"
## [5] "ip_anonymous_c1" "ip_anonymous_c2"
##
## property_categories:
## [1] "property_id" "category_id"
```