

Metadata on the IG monitoring database

Here you'll find a codebook explaining the database structure for the "Undressing Instagram" project.

Story by: Judith Duportail, Nicolas Kayser-Bril

Data collection: Édouard Richard

Data analysis: Kira Schacht

1 Setup

Follow the steps below in a terminal to load the database from a dump file and save under the name `igdb`.

```
pg_restore 02-19_backup > backup.sql
sudo -i -u postgres
dropdb igdb
createdb igdb
igdb < backup.sql
```

Load packages needed

```
library("RPostgreSQL")
```

```
## Loading required package: DBI
```

Read database

```
# create a connection to the postgres database
con = dbConnect(dbDriver("PostgreSQL"), dbname= "igdb", host="127.0.0.1",
                user="postgres", password = params$pwd)

#list tables in the database
dbListTables(con)
```

```
## [1] "auth_user_user_permissions" "data_donors_datadonationerror"
## [3] "django_migrations"        "django_session"
## [5] "auth_permission"          "auth_group"
## [7] "django_content_type"      "auth_user_groups"
## [9] "auth_user"                "data_donors_donor"
## [11] "data_donors_datadonation" "data_donors_donor_following"
## [13] "data_donors_donorfollowing" "data_donors_encounter"
## [15] "django_admin_log"         "ig_observer_igpost"
## [17] "ig_observer_igimage"      "auth_group_permissions"
## [19] "ig_observer_iguser"       "ig_observer_gvisionanalyse"
```

2 Codebook

2.1 data_donors_donor_following

Observed accounts each donor follows

id Pair ID

donor_id Donor ID

iguser_id Observed account ID

2.2 data_donors_datadonation

Log of donation runs

id Encounter ID

created Encounter time

ig_posts_seen Number of IG posts seen (12 normally)

donor_id Donor ID

2.3 data_donors_encounter

Log of encounters with posts from observed accounts

id Encounter ID

position_in_list Position of encounter in the user feed. Starts counting at 0

data_donation_id ID of donation run

ig_post_id

2.4 data_donors_donor

List of donors

id

ig_donor_id

created

last_status

last_status_changed

version

updated

display_name

2.5 data_donors_donorfollowing

List of accounts the donor follows, encountered in the feed during donation runs

id

created

following_ig_username

donor_id

2.6 ig_observer_igimage

List of images in observed posts

id Image ID

image_url Image URL

ig_post_id Post ID

2.7 ig_observer_iguser

List of details for observed IG accounts.

id Account ID

created Timestamp of observation creation

ig_username Username

created_by_id Observation created by

ig_biography IG Bio

ig_business_category_name Business category

ig_full_name Full name

ig_id IG User ID

ig_is_business_account Is business account?

ig_profile_pic URL of profile pic

sex Gender of user m or f

2.8 ig_observer_gvisionanalyse

Result of G Vision analysis

id

analyse

ig_image_id

created

2.9 ig_observer_igpost

List of posts by observed accounts

id Post ID

created Encountered timestamp

ig_id IG ID

ig_shortcode IG Shortcode

ig_taken_at_timestamp IG picture timestamp

ig_type Type: Image, Video, Image gallery

ig_user_id

created_by_donor