

DIGITAL METHODS AND SOCIAL DEVELOPMENT TRAINING WORKSHOP
22-27 August 2016 | HONG KONG

Using Facepager to extract Facebook page data

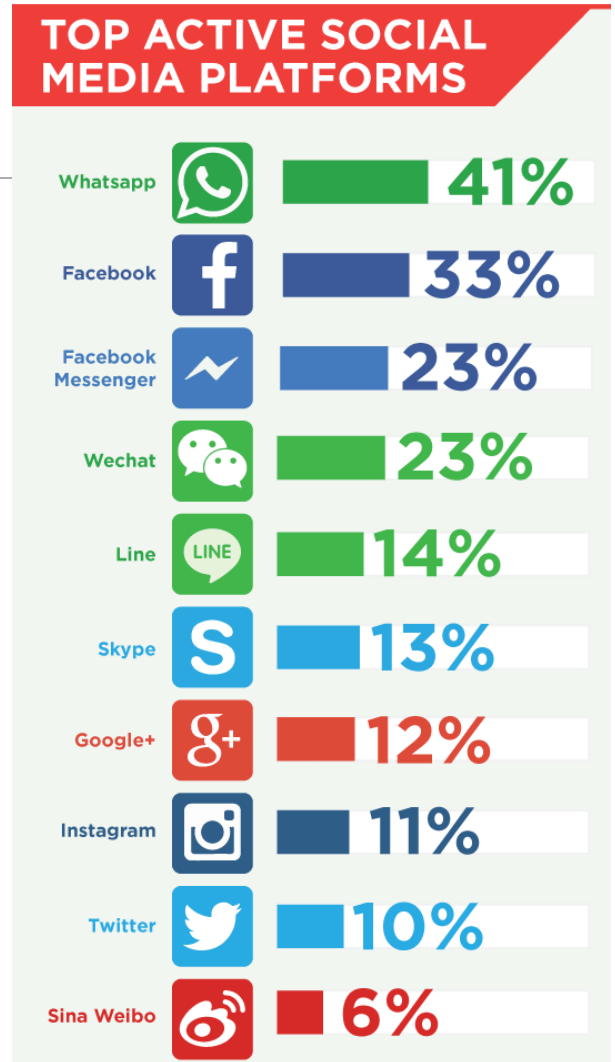
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KONG

Facebook in HK

7.3 million HK population
end 2015 (HK Census dep)

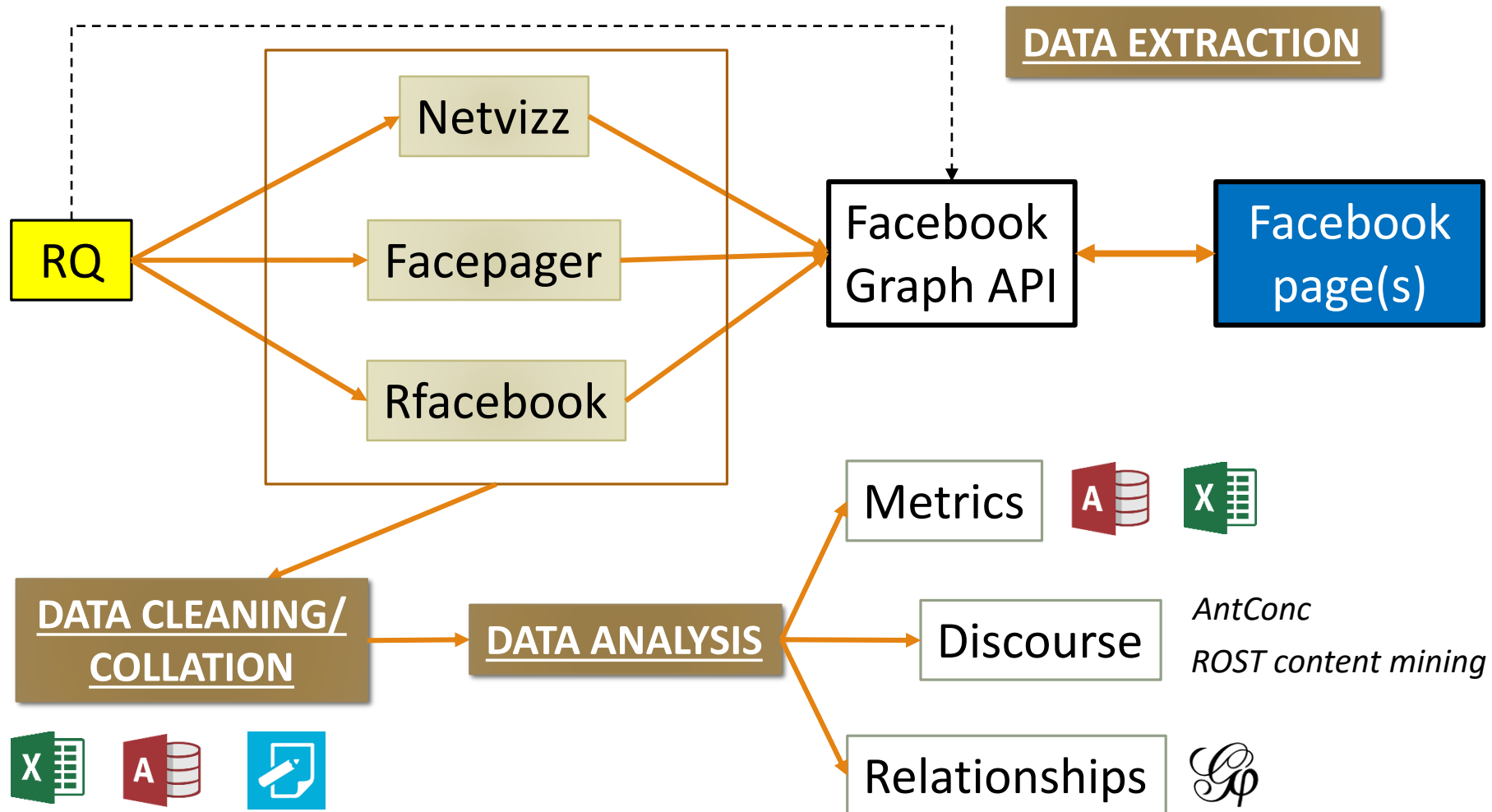
- 3.4 million daily active users (91% via mobile)
- 4.7 million monthly active users

(HKEJ, 2015)



<http://www.go-globe.hk/blog/social-media-hong-kong/>

Workflow of a research project



Ethics / privacy

“Message posted, police responded ... first Hongkonger arrested over online threats after localist Legco candidates barred now released on bail”

SCMP, August 3, 2016

“Immigration officer arrested after Facebook post offered to donate HK\$10,000 for each Hong Kong police officer killed”

SCMP, Feb 14 2016

“People Power radical arrested over Facebook post about 1967 riot leader's hearse”

SCMP, May 30 2015

Let's start!

- ❖ You have *Facepager* installed
- ❖ You have a Facebook login ID
- ❖ You have an Internet connection
- ❖ You have browsed through the primer I emailed you

Data extraction

<https://www.facebook.com/potus/>

424207551102424

<https://www.facebook.com/hillaryclinton/>

889307941125736

<https://www.facebook.com/DonaldTrump/>

153080620724



Some useful Graph API parameters

<page>

FOR MULTIMEDIA CONTENT

<page>/videos

<page>/photos

FOR TEXTUAL CONTENT

<page>/posts

<post>/comments

<page>

<page>/photos

type uploaded

Fields

created_time, name, link, from, caption,
likes.limit(0).summary(true),
comments.limit(0).summary(true)

since 2016-07-01

<page>/videos

type uploaded

Fields

created_time, description, from, source,
embed_html, likes.limit(0).summary(true),
comments.limit(0).summary(true)

since 2016-07-01

<page>/posts

Fields

message, from, shares,
created_time, updated_time,
comments.limit(0).summary(true),
likes.limit(0).summary(true), source, link, type,
picture, status_type, caption, description,
properties, story

since 2016-07-01

<post>/comments

Fields

message, created_time, comment_count,
from, like_count, link, object, parent

since 2016-07-01