COVID-19
SLEDILNIK

Covid-19 sledilnik in podatkovna odličnost

Dr. Aleks Jakulin

Madrid, 8. marec 2020

New York, 9. april 2020

Andrew Cuomo ✔ @NYGovCuomo · Mar 5
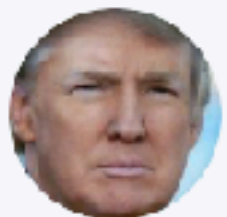We are taking every action to make sure NYers are safe.

But undue anxiety and fear is a threat in itself. Let's fight fear with facts:

•80% of the people who get the #coronavirus will self-resolve
•Some context: There are thousands of people in the hospital today with the flu

💬 105   🔁 108   ♡ 334   ⬆

Donald J. Trump ✔ @realDonaldTrump · Mar 9
So last year 37,000 Americans died from the common Flu. It averages between 27,000 and 70,000 per year. Nothing is shut down, life & the economy go on. At this moment there are 546 confirmed cases of CoronaVirus, with 22 deaths. Think about that!
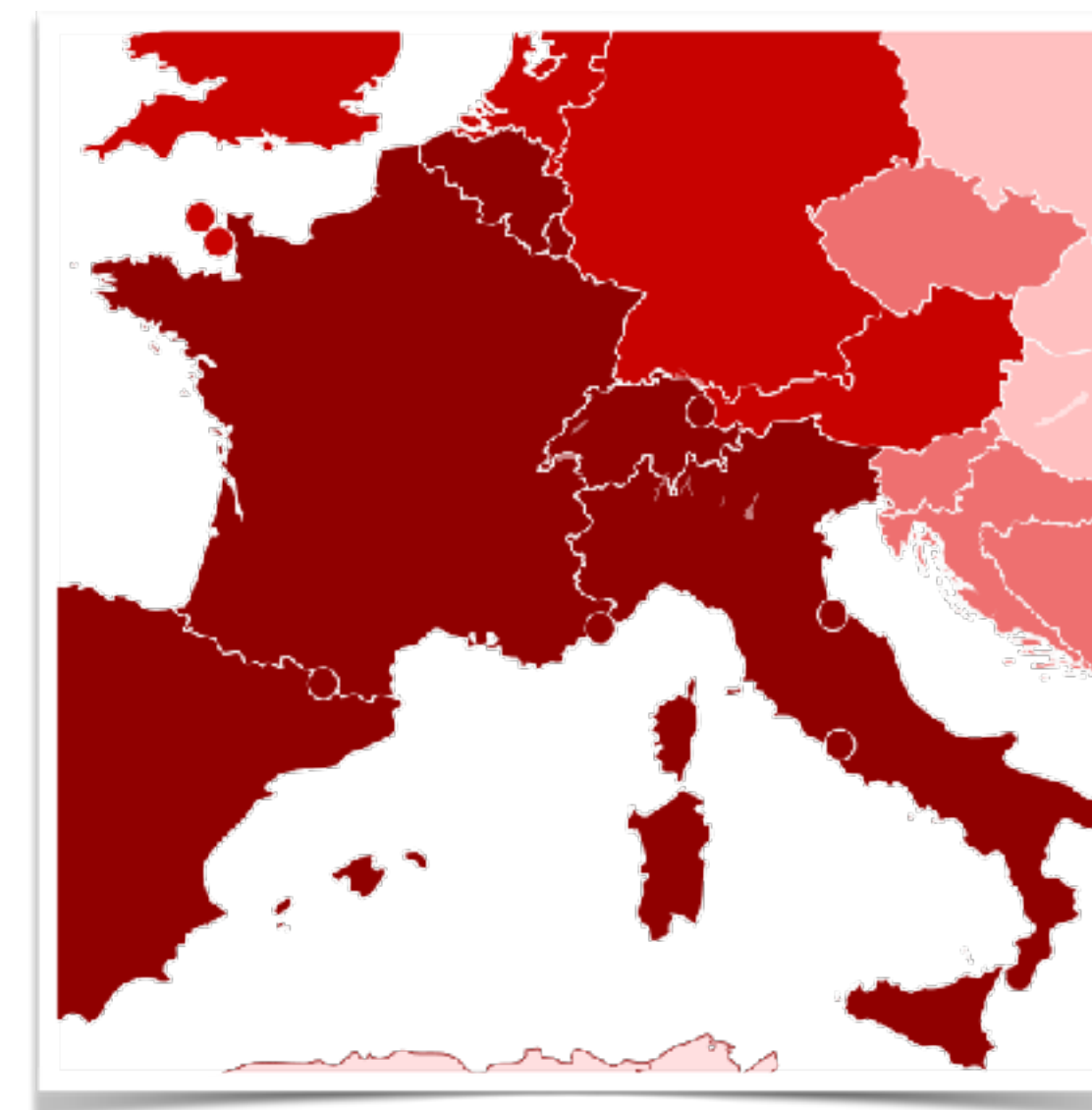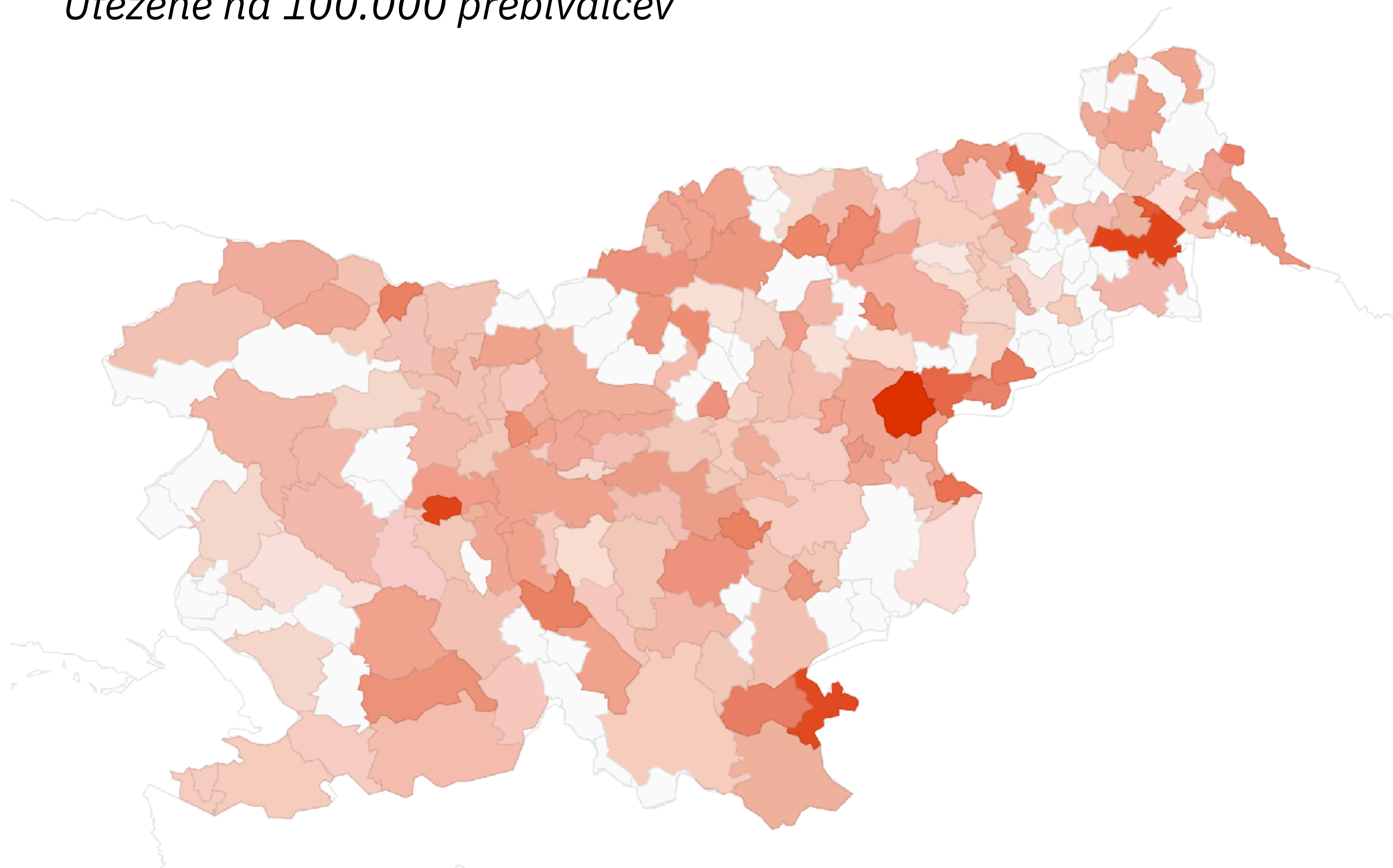
💬 83.3K   🔁 89.3K   ♡ 294.7K   ⬆

Zemljevid potrjeno okuženih po občinah

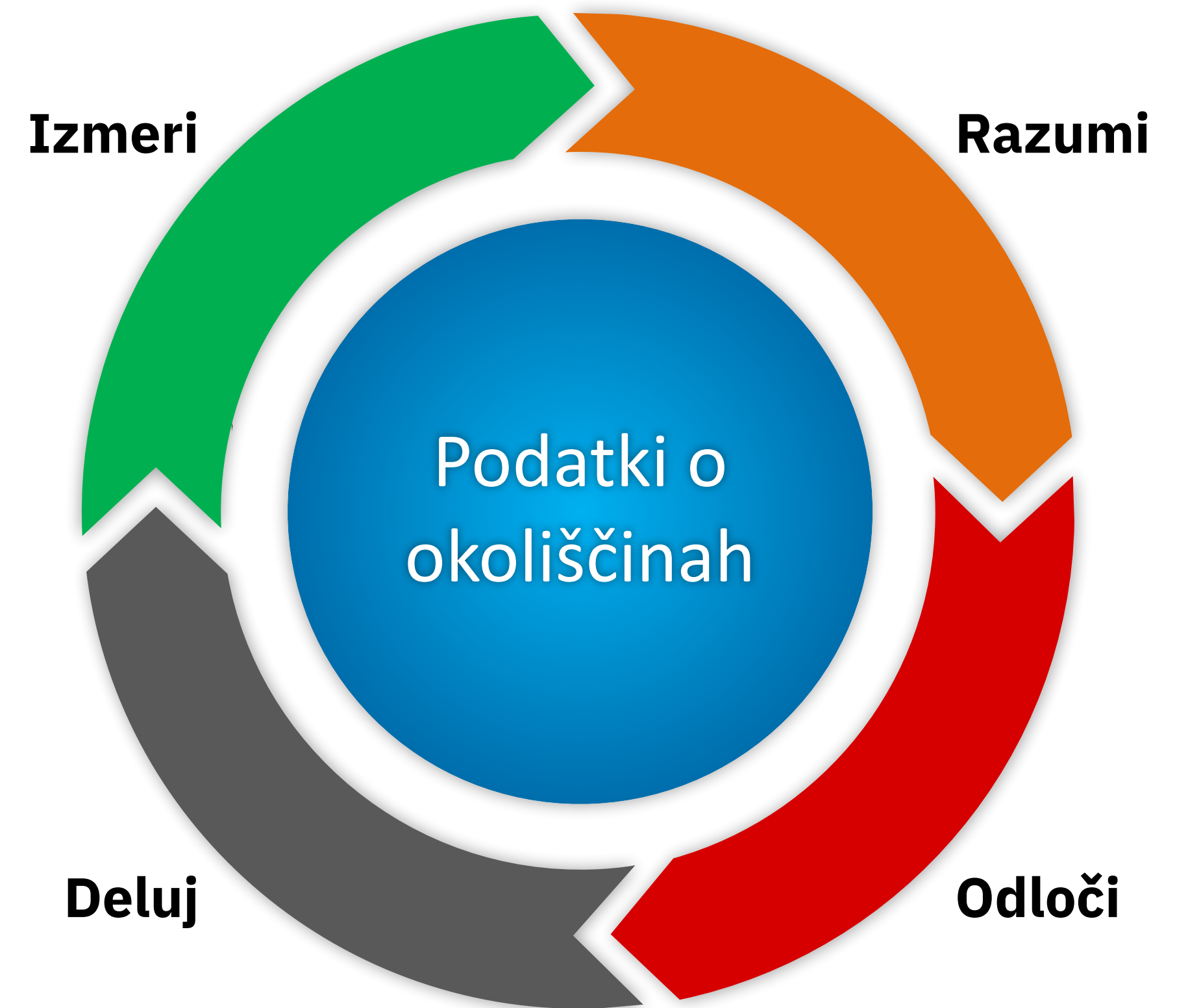*Utežene na 100.000 prebivalcev*

Podatkovna odličnost z zanko IROD

Utežene na 100.000 prebivalcev

- **HITROST:** Kako hitro se vrtimo?

- **ŠIRINA:** Katera znanja imamo?

- **GLOBINA:** Koliko podatkov imamo?

Col. John Boyd , OODA Loop

Izmeri

Razumi

Podatki o okoliščinah

Deluj

Odloči

Papirnata znanost

1600

Cikel 1 leto

Digitalna znanost

2000

Objave

Modeli

Podatki

Cikel 24 ur
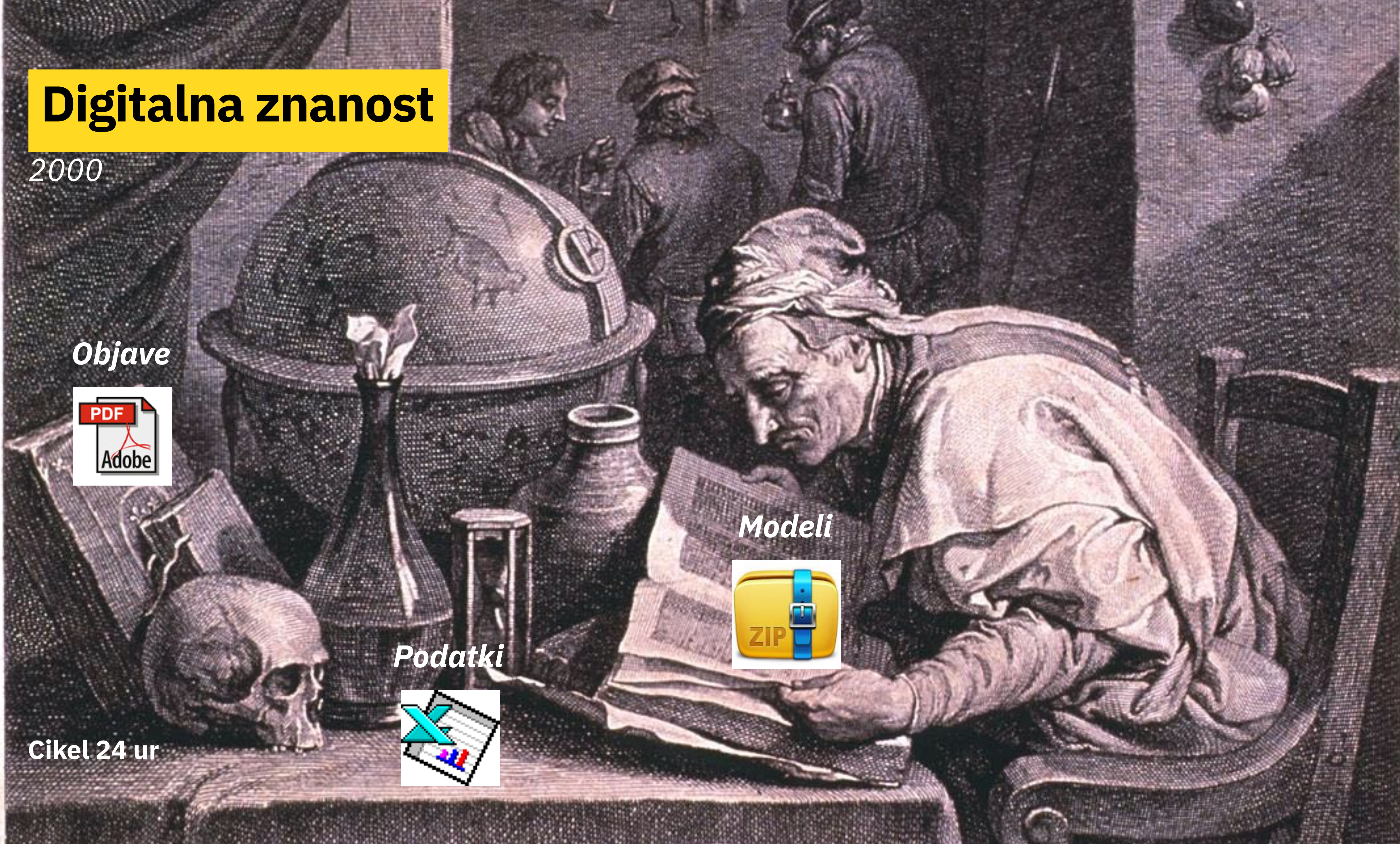
2020: Hitra interaktivna znanost

Široka interaktivna skupnost

- 20 aktivnih sodelavcev

- 50 opazovalcev

- vsi prostovoljci

- vse vrste poklicev

- nismo se še srečali v živo

Cikel: 1 mesec

Cikel: 1 minuta

Globina podatkov bi pomagala

Taiwan

CASE #	PATIENT	AGE	GENDER	NATIONALITY	STATUS	INFECTION SOURCE	COUNTRY OF ORIGIN	SYMPTOMATIC TO CONFIRMATION	DAYS TO RECOVER	SYMPTOMATIC
398	男性	20	Male	Taiwanese	In hospital	Imported case	Palau	5	-	13th, Apr 2
397	男性	20	Male	Taiwanese	In hospital	Imported case	Palau	-	-	-
396	男性	20	Male	Taiwanese	In hospital	Imported case	Palau	6	-	12th, Apr 2
395	女性	20	Female	Taiwanese	In hospital	Imported case	United states	11	-	4th, Apr 20
394	女性	60	Female	Taiwanese	In hospital	Imported case	United states	9	-	6th, Apr 20
393	女性	60	Female	Taiwanese	In hospital	Imported case	United states	15	-	29th, Mar 2
392	男性	60	Male	Taiwanese	In hospital	Imported case	Unclear origin	13	-	31st, Mar 2
391	女性	60	Female	Taiwanese	In hospital	Imported case	Unclear origin	13	-	31st, Mar 2
390	男性	50	Male	Taiwanese	In hospital	Imported case	Unclear origin	9	-	4th, Apr 20
389	女性	50	Female	Taiwanese	In hospital	Imported case	Unclear origin	13	-	30th, Mar 2

Singapur
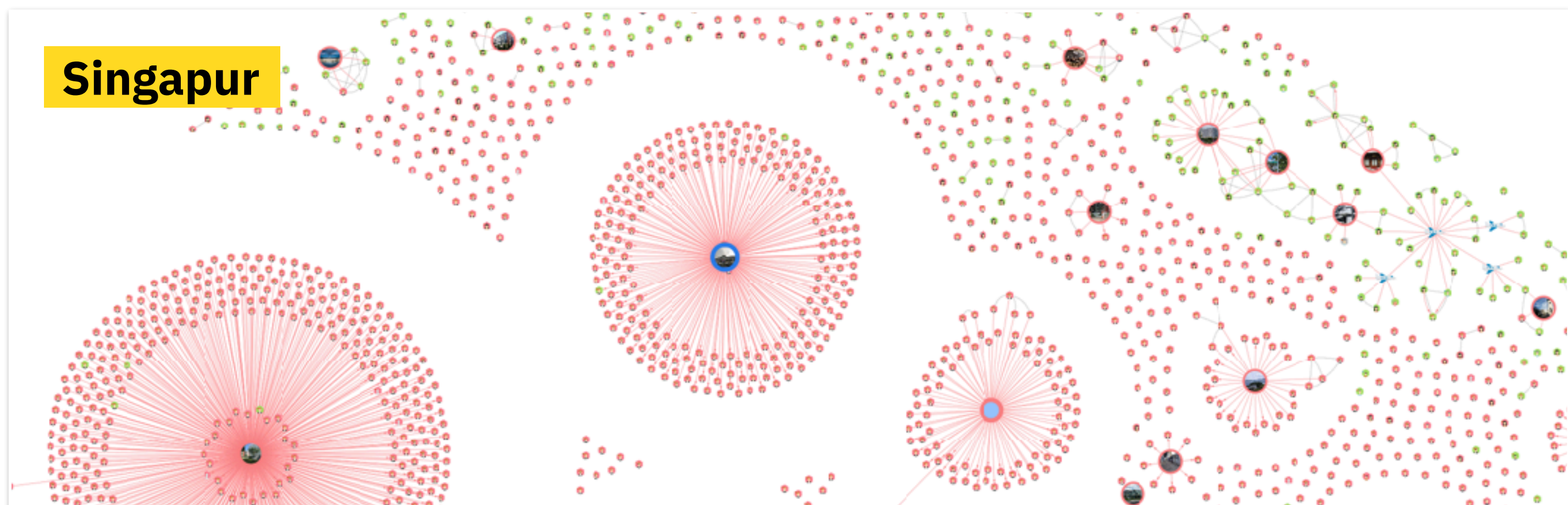
For Your Information

Types of personal information governments have released about coronavirus patients.

INFORMATION DISCLOSED	SINGAPORE	HONG KONG	SOUTH KOREA	U.K.
Age and gender	✓	✓	✓	✗
Travel history	✓	✓	✓	✓
Work address	✓	✗	✓	✗
Home address	✓	✓	✓	✗
Links to previous cases	✓	✓	✗	✗
Nationality if case is imported	✓	✗	✓	✗
Treatment location	✓	✓	✓	✓
Places visited prior	✓	✗	✓	✗
Identified contact persons	✗	✓	✓	✗
How case was confirmed	✗	✗	✓	✗
Geographical breakdown of patients	✗	✓	✗	✗

Note: New York identified the first patient in detail, but subsequent announcements just included geographic breakdown of patients.
Source: the governments

Naslednji koraki

...za večjo podatkovno odličnost z IROD

- **Integracija 1) protokolov testiranja 2) protokolov sproščanja ukrepov v Sledilnik**

- Povečajmo **hitrost** tehnologije, **globino** podatkov in **širino** skupnosti Sledilnika.

- Boljše povežimo **merjenje** in zajem podatkov, da bo globje in karseda avtomatsko.

- Naprej razvijamo vizualizacijske in interakcijske tehnike, ki olajšajo **razumevanje** podatkov.

- Integrirajmo statistične postopke in napovedne modele, ki nam olajšajo **odločanje**, tudi z večjim upoštevanjem ekonomskih faktorjev.

- Povežimo Sledilnik z odločevalci, državljani, mediji in institucijami, da bodo podatki v pomoč pri **delovanju**.

- Uporabimo Sledilnik tudi za kaj drugega kot Covid-19.

Izmeri

Razumi

Podatki o okoliščinah

Deluj

Odloči

Kako naprej?

Gradnja skupnosti za podatkovno odličnost

- Zavzemamo se za podatkovno odličnost

- Zavzemamo se za pomembnost podatkovnega razmišljanja

- Povezujemo institucije, ki uporabljajo podatke

- Nudimo lahko infrastrukturo in orodja za podatke

- **Slovenija je lahko v tem vodilna na svetu**