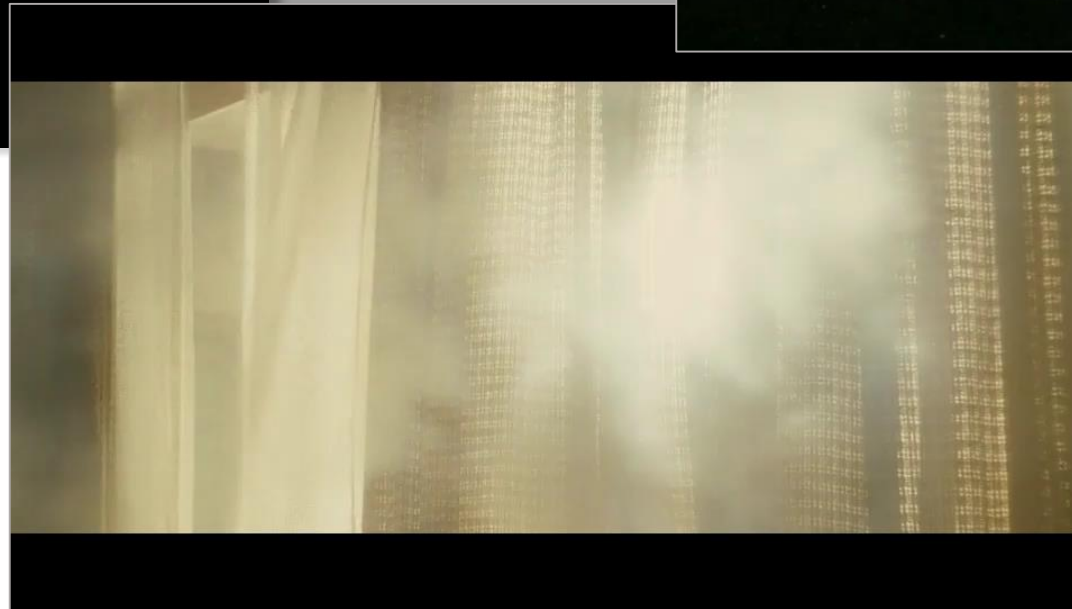


BUSINESS

Linguann

Egy magyar adattudós tapasztalatai Malájziában
- *avagy, hol találom a legjobb nasi kandar-t ramadan idején?*

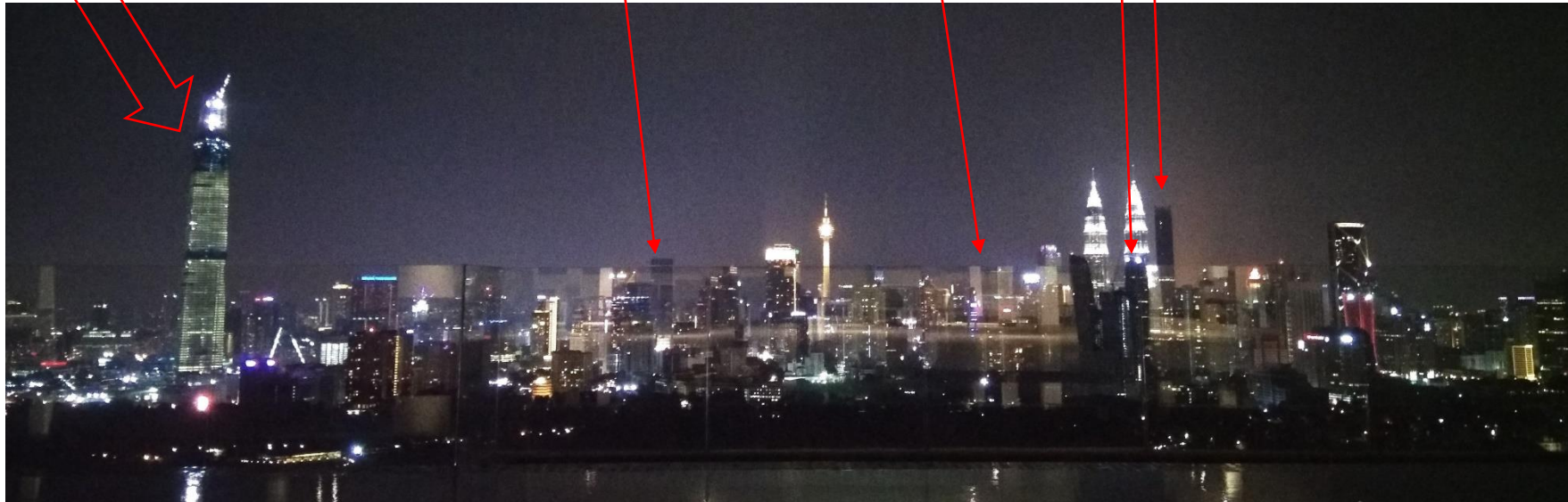
Cseh Zoltán (PhD)



2016:

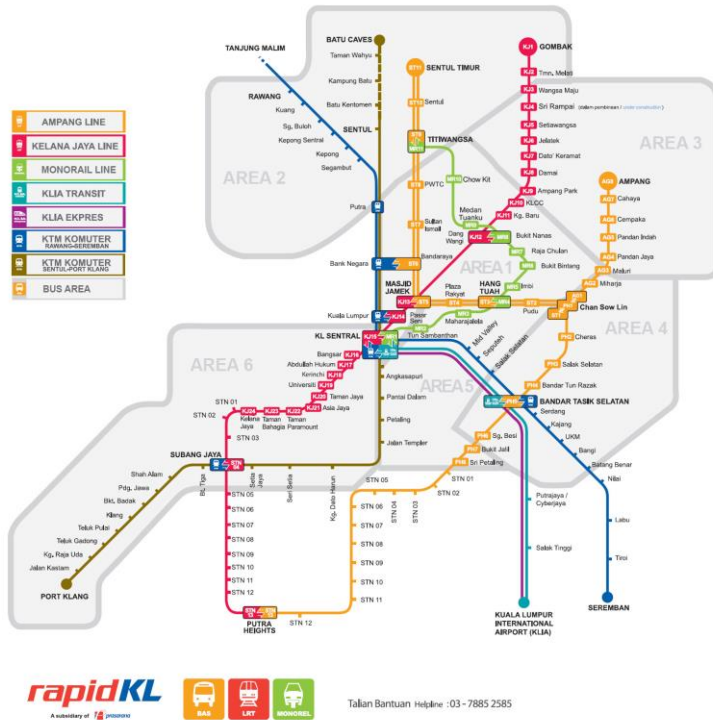


2019:

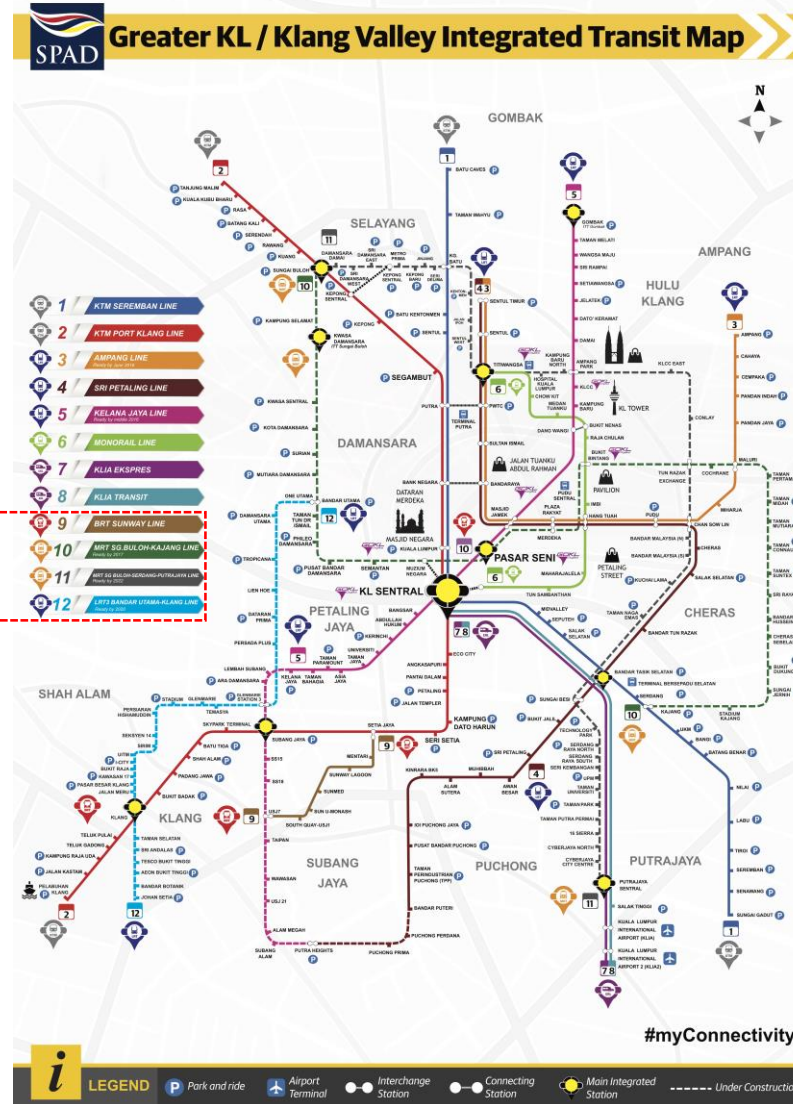


2014:

Klang Valley Integrated Rail System



2019:



Sofőr nélküli metró:



Főbb Különbségek

- **Népesség mérete**
- **Internacionalitás, mobilitás**
- **Szabályozások**
- **Social media, e-commerce használata**
 - És minden ami a fentiekből fakad
 - AI projektek többsége ezek kombinációjára épül



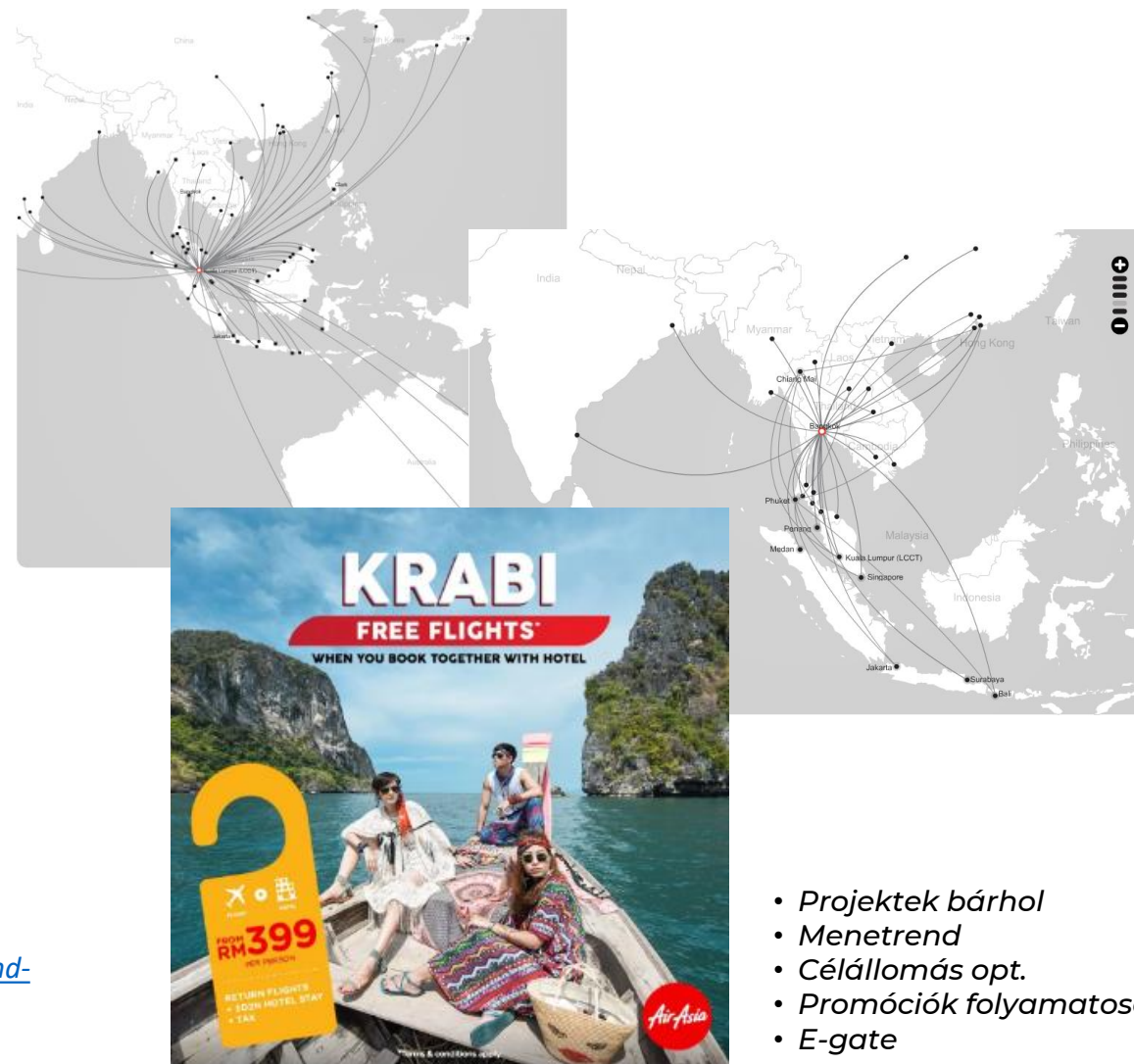
Légiközlekedés – Utazás általánosságban

Üzleti területek állandó
Data Scientist kereslettel I.

TOP 20 INTERNATIONAL ROUTES

Rank	Route	Flights	Route OTP	Carriers
1	KUL-SIN	30,187	72.8%	8
2	HKG-TPE	28,447	70.0%	5
3	CGK-SIN	27,046	80.7%	7
4	HKG-PVG	20,678	66.6%	5
5	CGK-KUL	19,741	63.9%	8
6	ICN-KIX	19,711	71.0%	8
7	LGA-YYZ	17,038	54.9%	3
8	HKG-ICN	15,770	71.4%	9
9	BKK-SIN	14,698	81.7%	5
10	DXB-KWI	14,581	82.5%	4
11	BKK-HKG	14,556	71.3%	4
12	HKG-PEK	14,537	67.7%	5

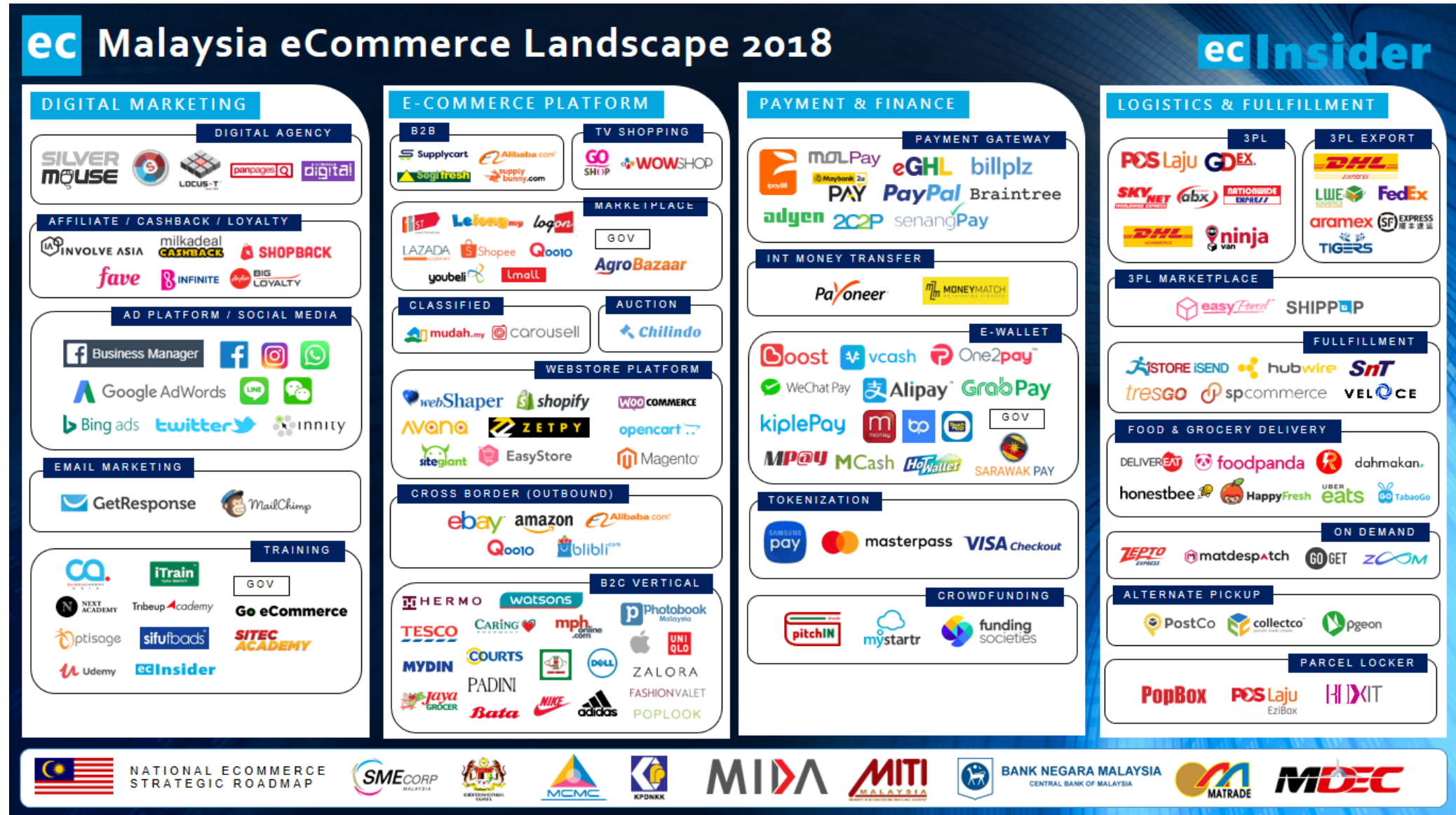
<https://www.businessinsider.sg/there-were-more-than-30000-flights-between-singapore-and-kl-in-one-year-and-15-of-the-20-busiest-international-routes-are-in-apac/>



- Projektek bárhol
- Menetrend
- Célállomás opt.
- Promóciók folyamatosan
- E-gate

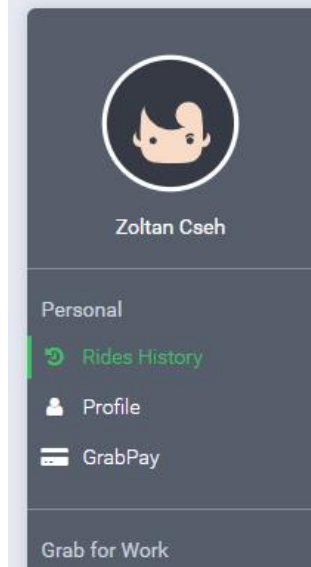
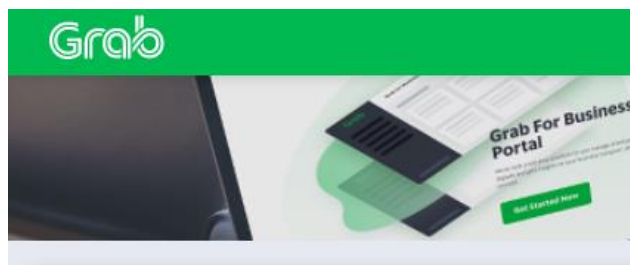
E-Commerce

Üzleti területek állandó Data Scientist kereslettel II.



Közösségi Szolgáltatások

Üzleti területek állandó Data Scientist kereslettel III.



Rides History

From
12/04/2019

* You can search

8 Total Bookings

DATE	28/04/2019
FARE	MYR 8.00
PAYMENT	MasterCard 9667
TAG	Personal
PICK UP	Sentrio Pandan
INTERMEDIATE DROP OFF	
DROP OFF	My Town Shopping Centre East Entrance
BOOKING CODE	ADR-0651317-9-160
RIDE DISTANCE	3.72 km
TIME	11:13 am
CITY	Klang Valley
DRIVER	CHANG YEE SENG
VEHICLE PLATE	VBH8873
BOOKING TYPE	GrabCar Plus

You have rated. Thank you!



Download Receipt

Member

Silver

Gold

Platinum

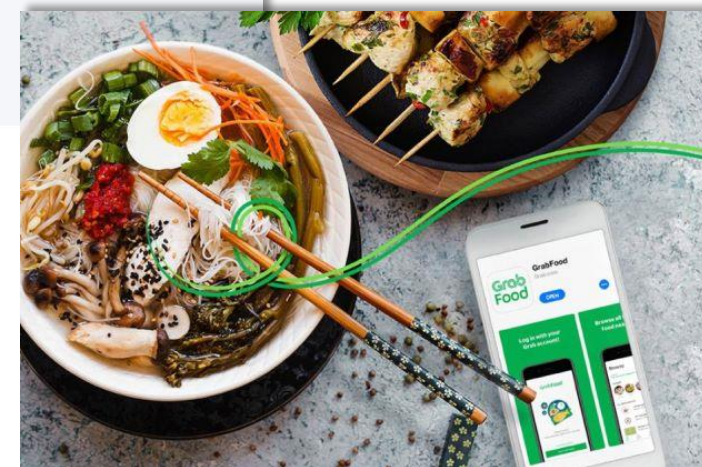
Points needed to qualify: > 3500

x2

ACCELERATED EARN RATE

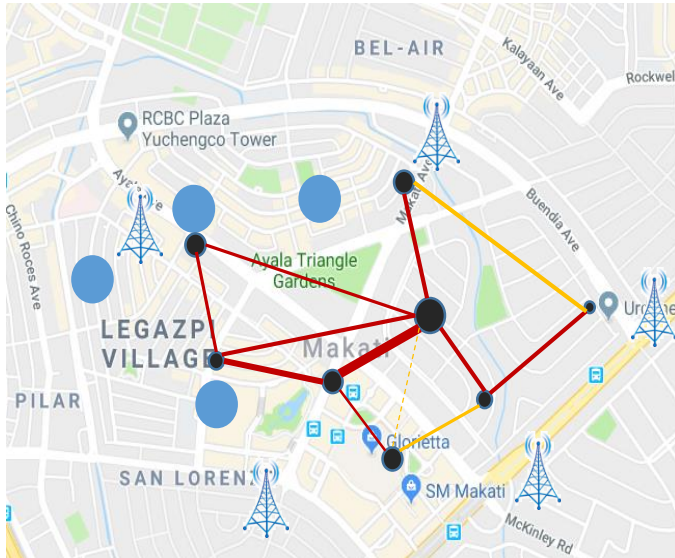
DISCOUNTED REWARDS

PLATINUM GRAB VOUCHERS



Projekt Példák - Telekommunikáció

Ügyfélszám: 15 – 170 millió szolgáltatónként
Feltöltőkártyás ügyfélkör: ~98% (Indonézia, Fülöp-szigetek, ...)

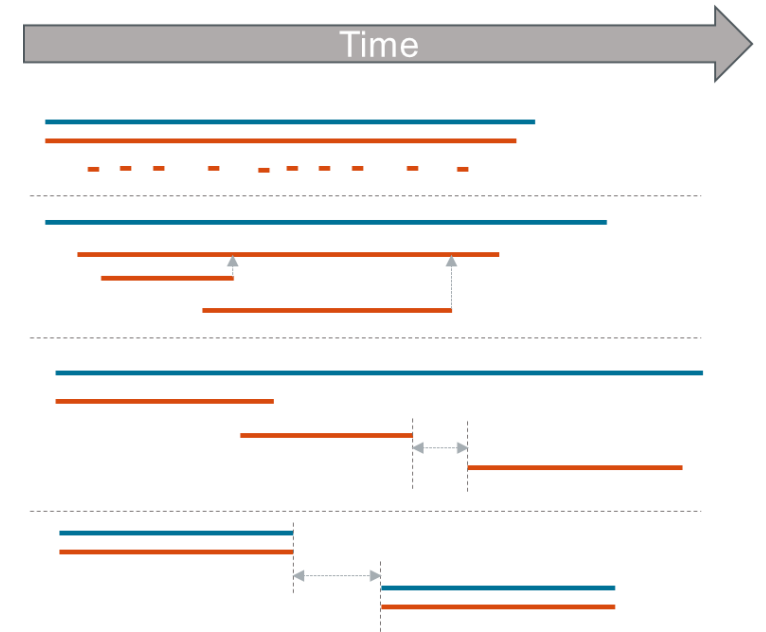
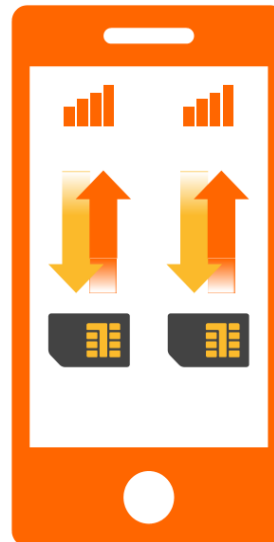


Gráf analitika

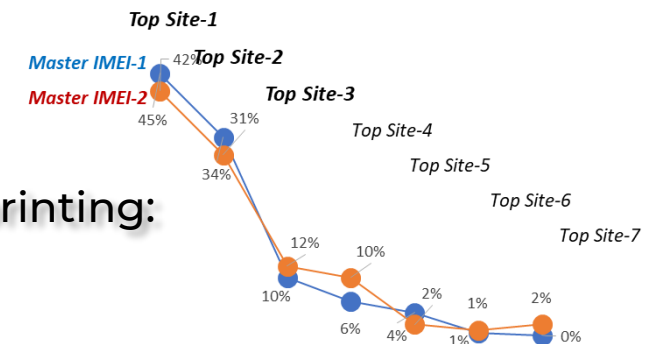
- torony használat optimalizáció
- HVC map

Rotational Churn:

1 TAC / 2 IMEI			2 TAC / 2 IMEI		
1 TAC	Serial	Check	2 TAC	Serial	Check
86123451	000001	X	86123415	000001	X
86123451	000002	X	86123425	000001	X



Usage fingerprinting:



Projekt Példák - Telekommunikáció

Hasonló témák, mint bárhol

Videó analitika

- ATM ügyélforgalom
- OTC ügyfél elégedettség, monitoring



Projekt Példák - Adóbehajtás

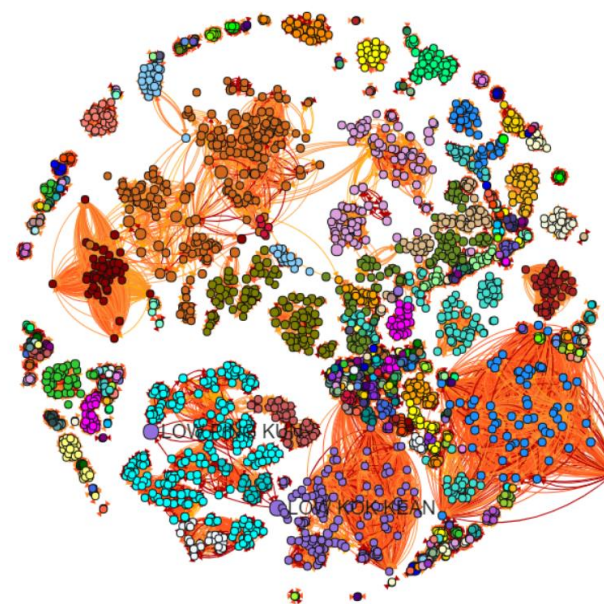
Modules – Tax Authority

Taxpayer Profiling	Taxpayer Segmentation	Taxpayer Compliance	Taxpayer Lodgement	Taxpayer Relationships	Taxpayer Targeting
● Digital Economy	Identify DE Taxpayers	DE Business Profiling	DE Taxpayer Targeting	DE Relationships	DE Macro View
GST	GST Taxpayers	GST Tax Gap	GST Audit Selection		
WHT Compliance	Identify WHT Taxpayers	Matching Taxable Transaction	Improve WHT Compliance		
Forecasting for Tax Collection	Tax Collection Forecast	Tax Gap Measurement	Credit Offset Modelling	Tax Expenditure Modelling	Analytics Assisted Data Correction
Means Test	Computing Taxpayer Means	● Identify Non-Compliant Taxpayers	Measure Payment Ability		
Transfer Pricing	Function, Assets & Risks Assessment	Base Erosion Profit Shifting Detection	Related Party Transactions	TP Company Profiling	TP Targeting

Collecting data from online media - NLP

Deep Learning model with NLP in order to:

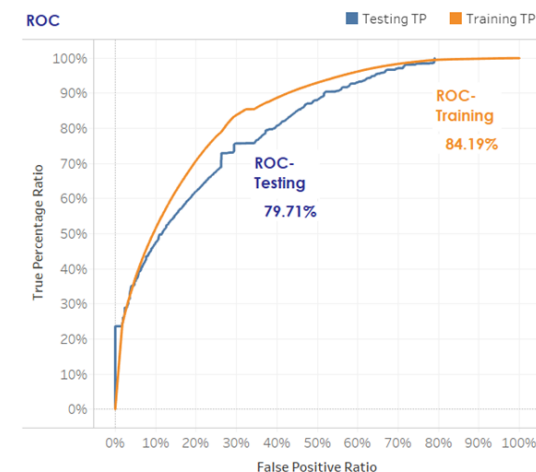
- Identifying hidden taxpayers, e.g. from digital economy, e-commerce and social media sites, mapping them to internal data
- Identifying false players in economy (active presence but no income)



- Multilevel analytics of company interdependencies
- Fund-transfer connections - ownership / leadership connections

Main outputs:

- **Identifying closed circles** – on any deepness and complexity
- **Potentially fraudulent (Anti money laundry)** fund-transfer paths
- Further graph-specific attributes as input for scoring models



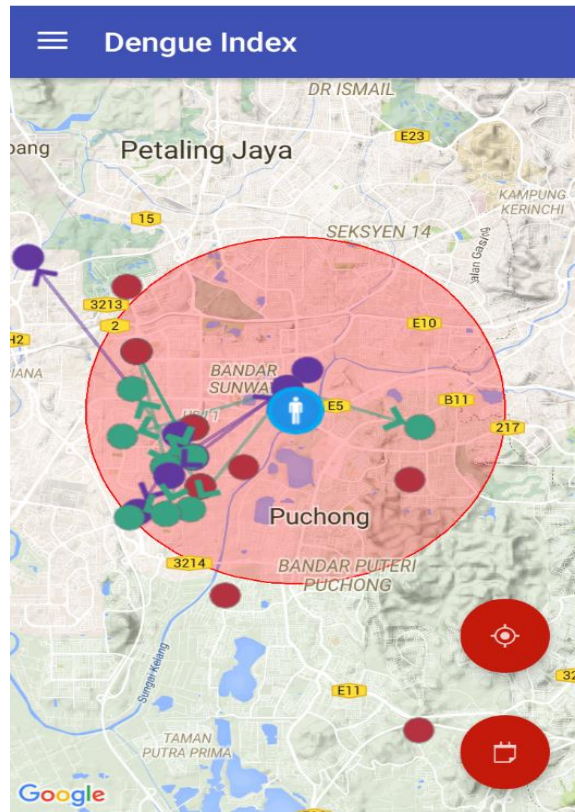
- Behaviour related **classification** models in various aspects, such as:
- **AML score, participation in closed fund-transfer groups, probability for unreported income**

Projekt Példák – Dengue outbreak forecast



- Fontos egészségügyi probléma Ázsiában
- Ugyanaz a szúnyog, ami a Zika vírust is terjeszti
- Nagyon magas láz, erős izületi fájdalom
- Négy altípus – többször el lehet kapni

Mobil App - lokáliselőrejelzés

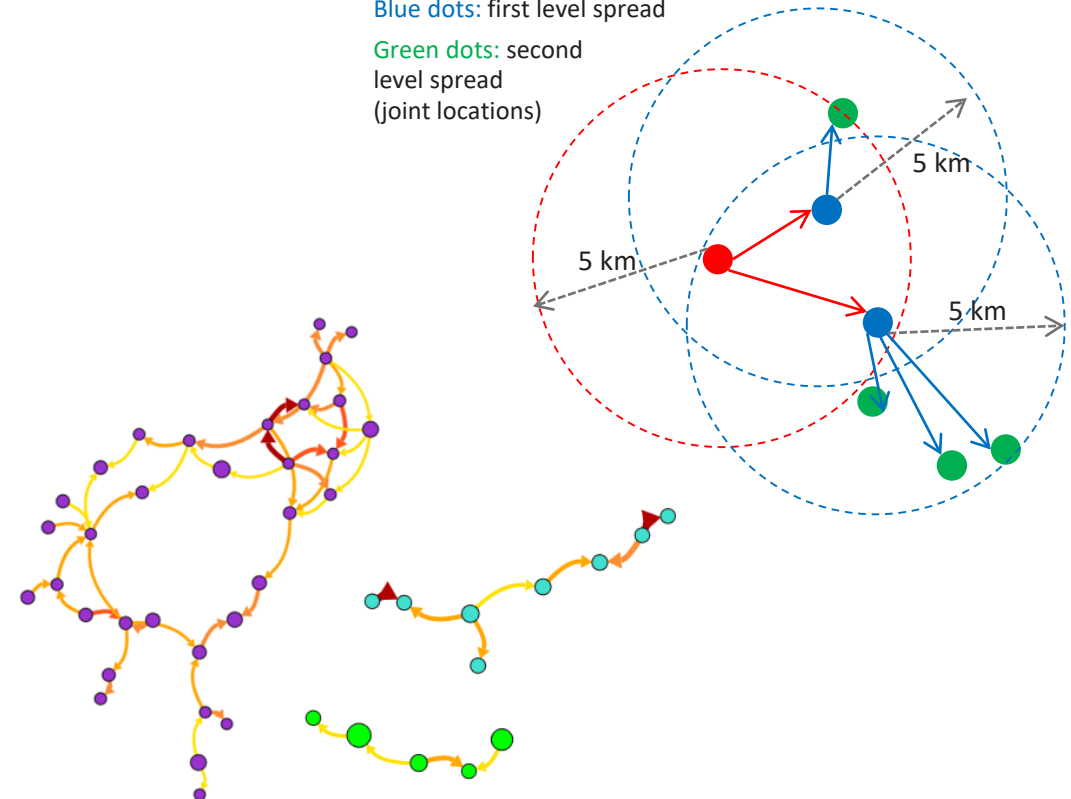


Schematic chart for the model of dengue progression:

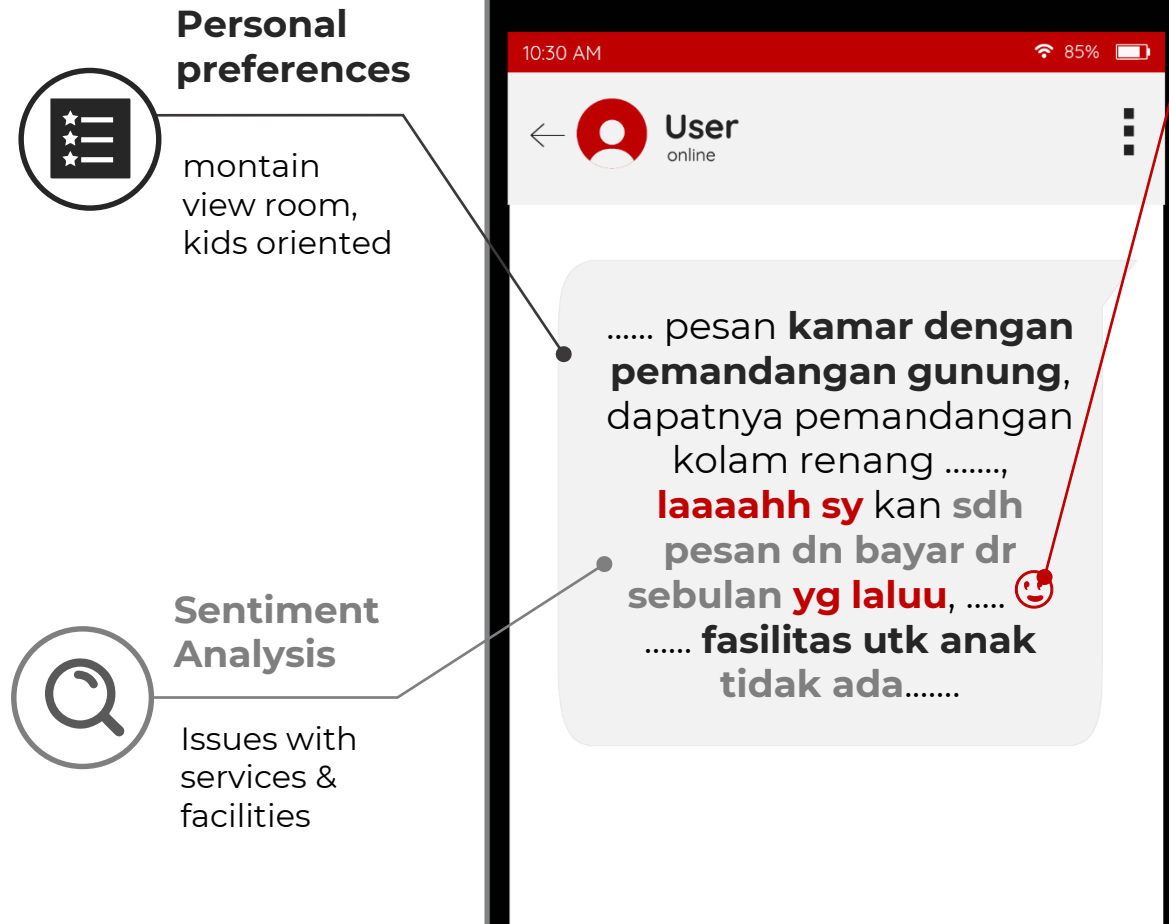
Red dots: actual hot-spot

Blue dots: first level spread

Green dots: second level spread (joint locations)

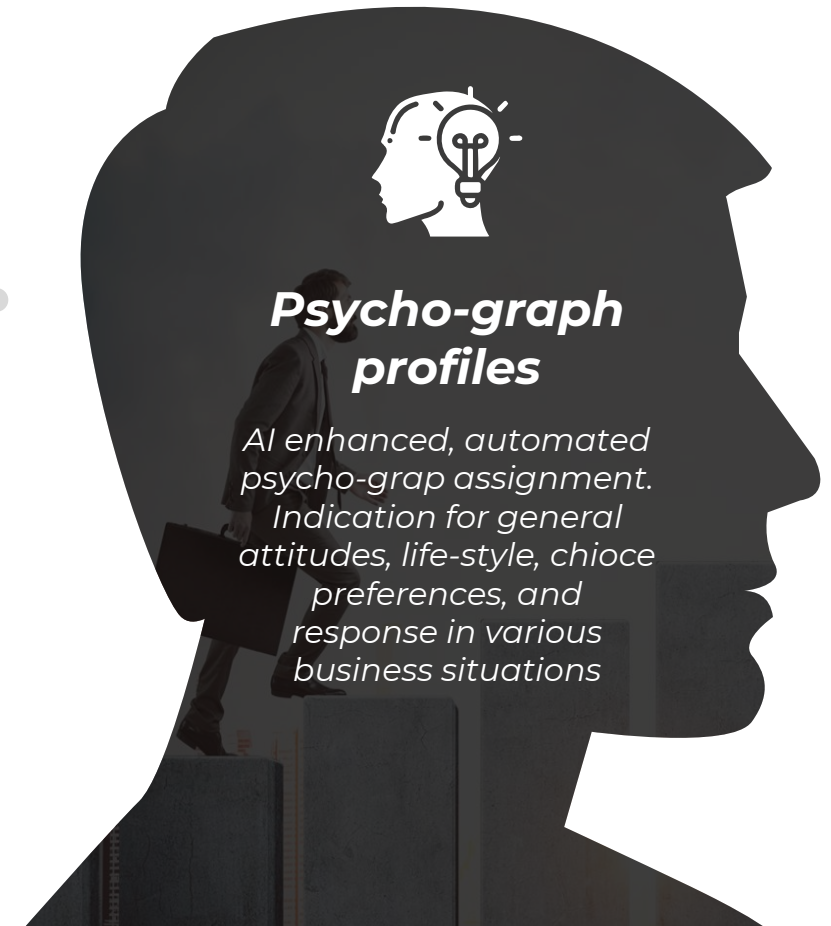


Natural Language Processing based Psycho-Graph profiling



Writing & Communication Style

slang, emphasizes,
emojies....



...mi tagadás, tényleg szép a hegyi kilátásos oldal 😊



MULTIPLE DATA FORMATS



És akkor, hol is található a legjobb nasi kandar?



Linguann

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