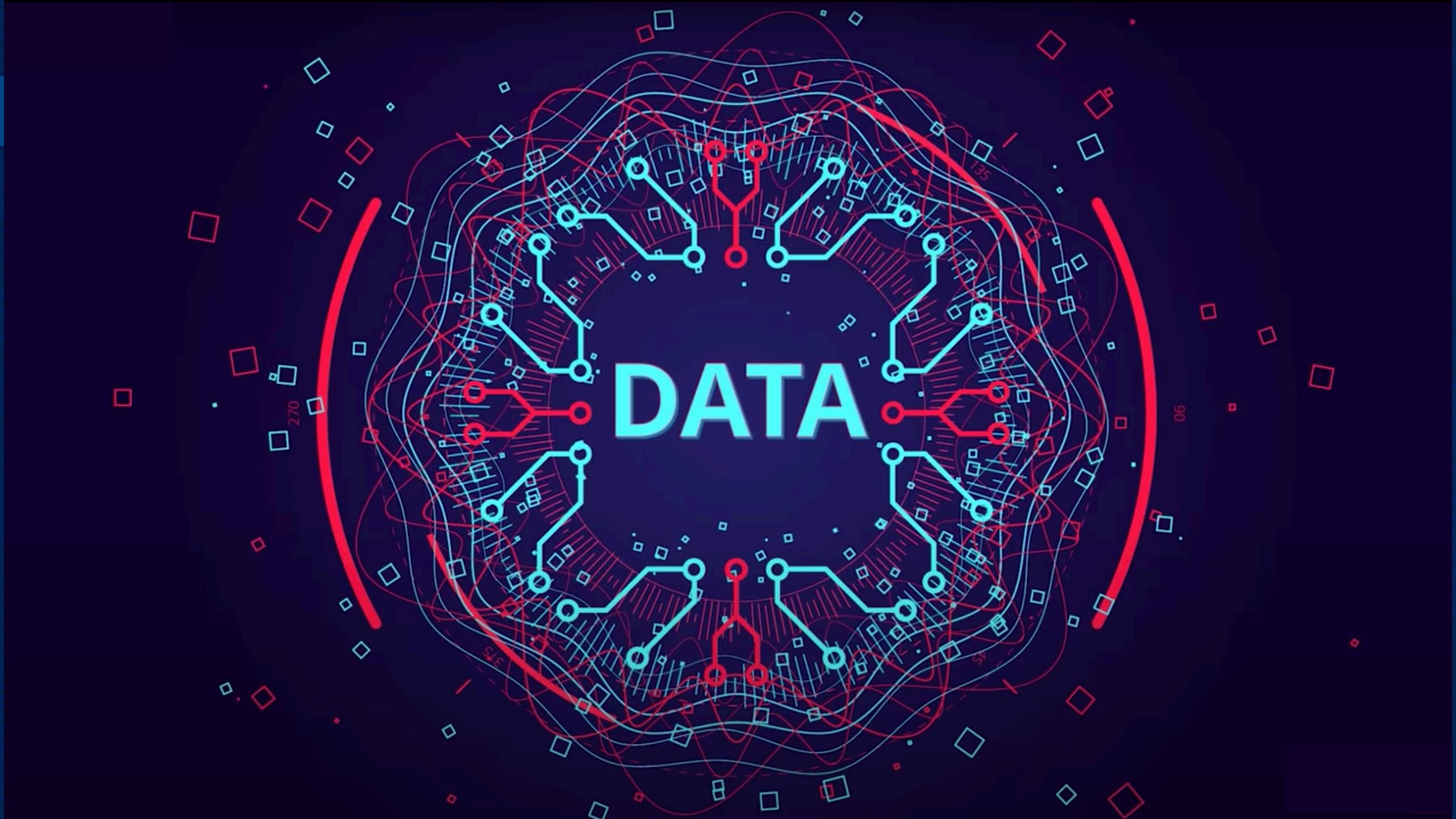


What is Data Science?

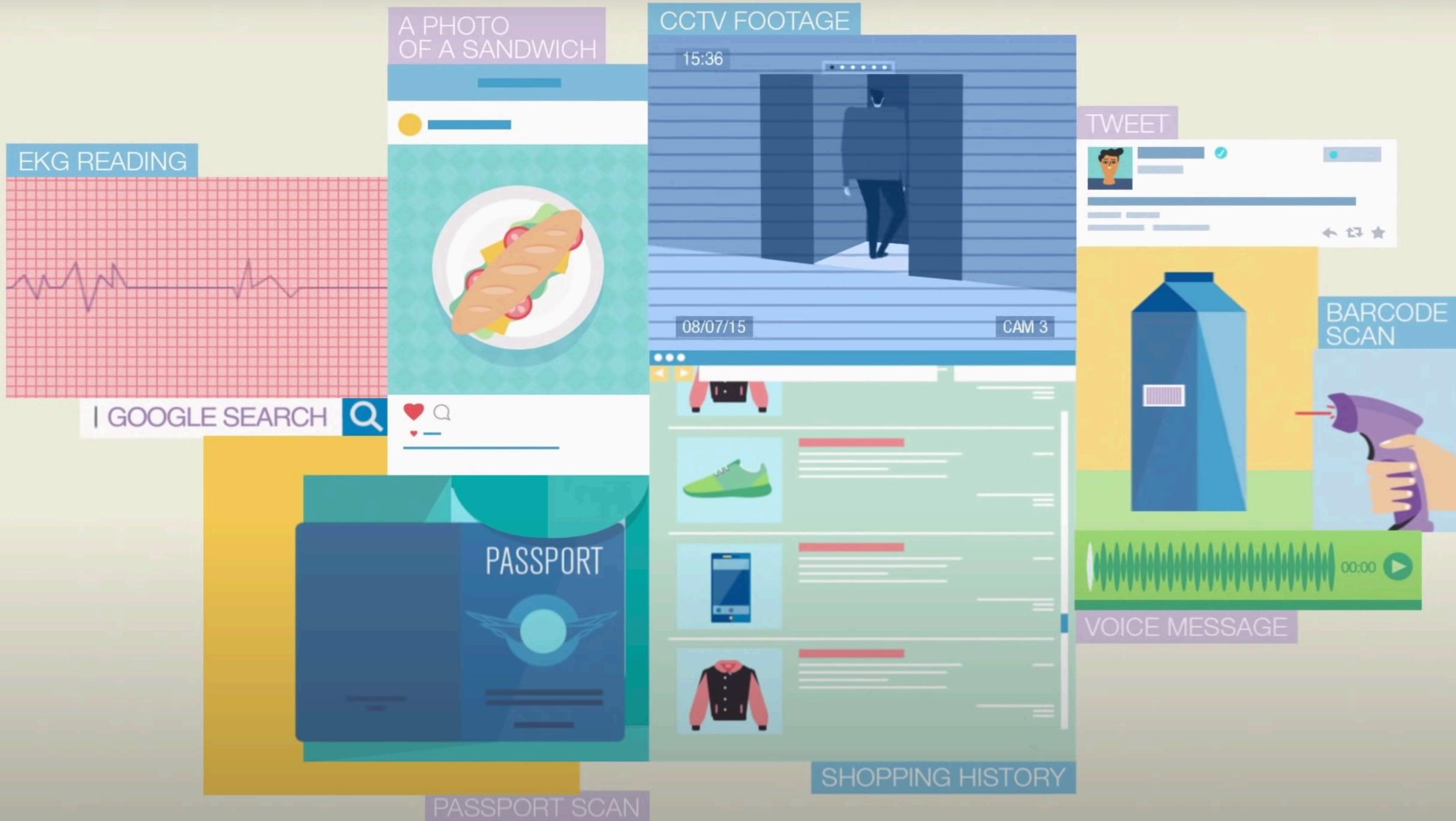
Ibtikar, Spring 2021

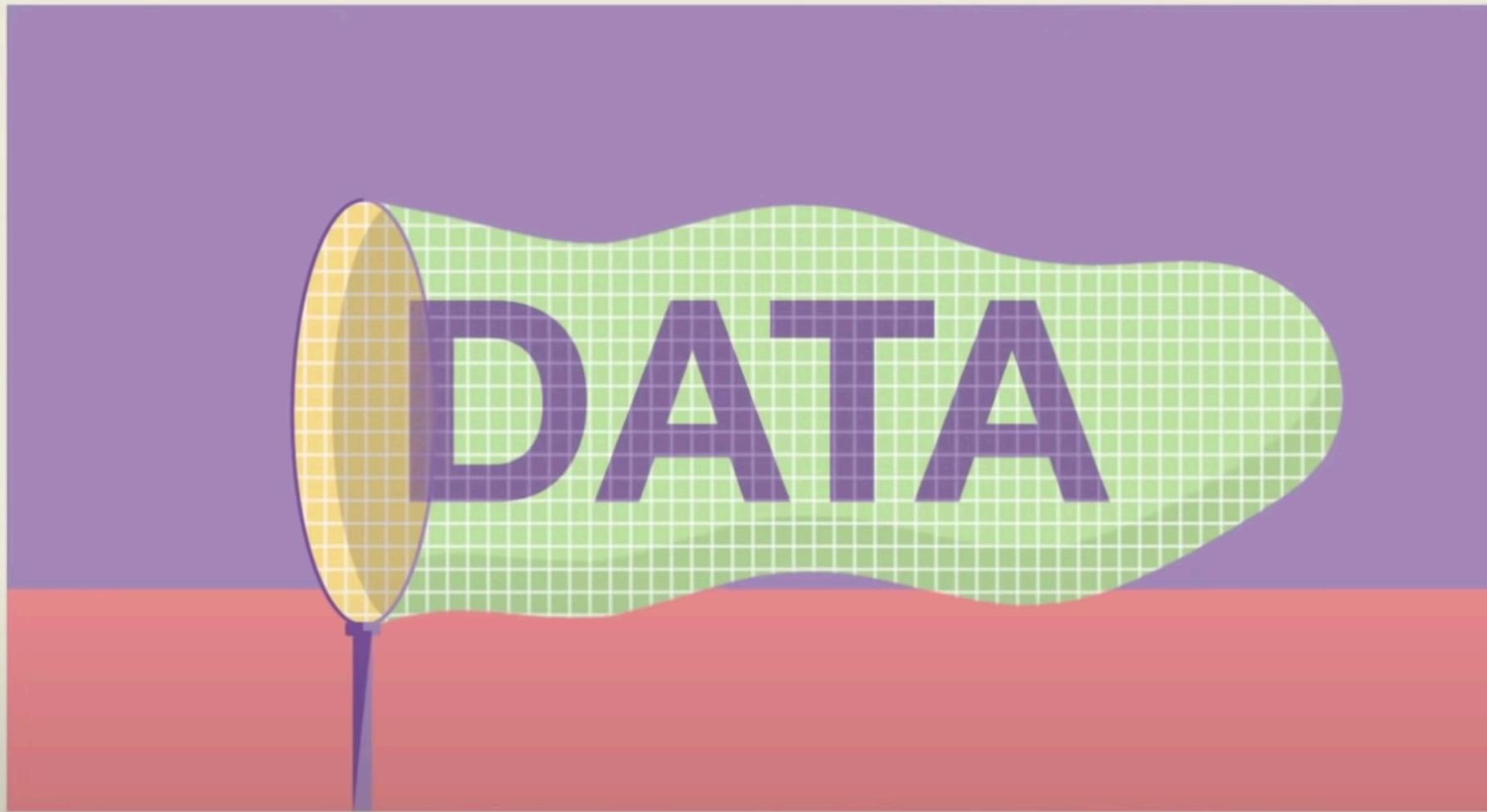




The background features a dark purple gradient with concentric circular patterns. Red curved lines form a large circle at the top and bottom, intersected by a horizontal red line. Blue lines form a smaller circle in the center, also intersected by a horizontal blue line. Numerous small red and blue diamond shapes are scattered across the background.

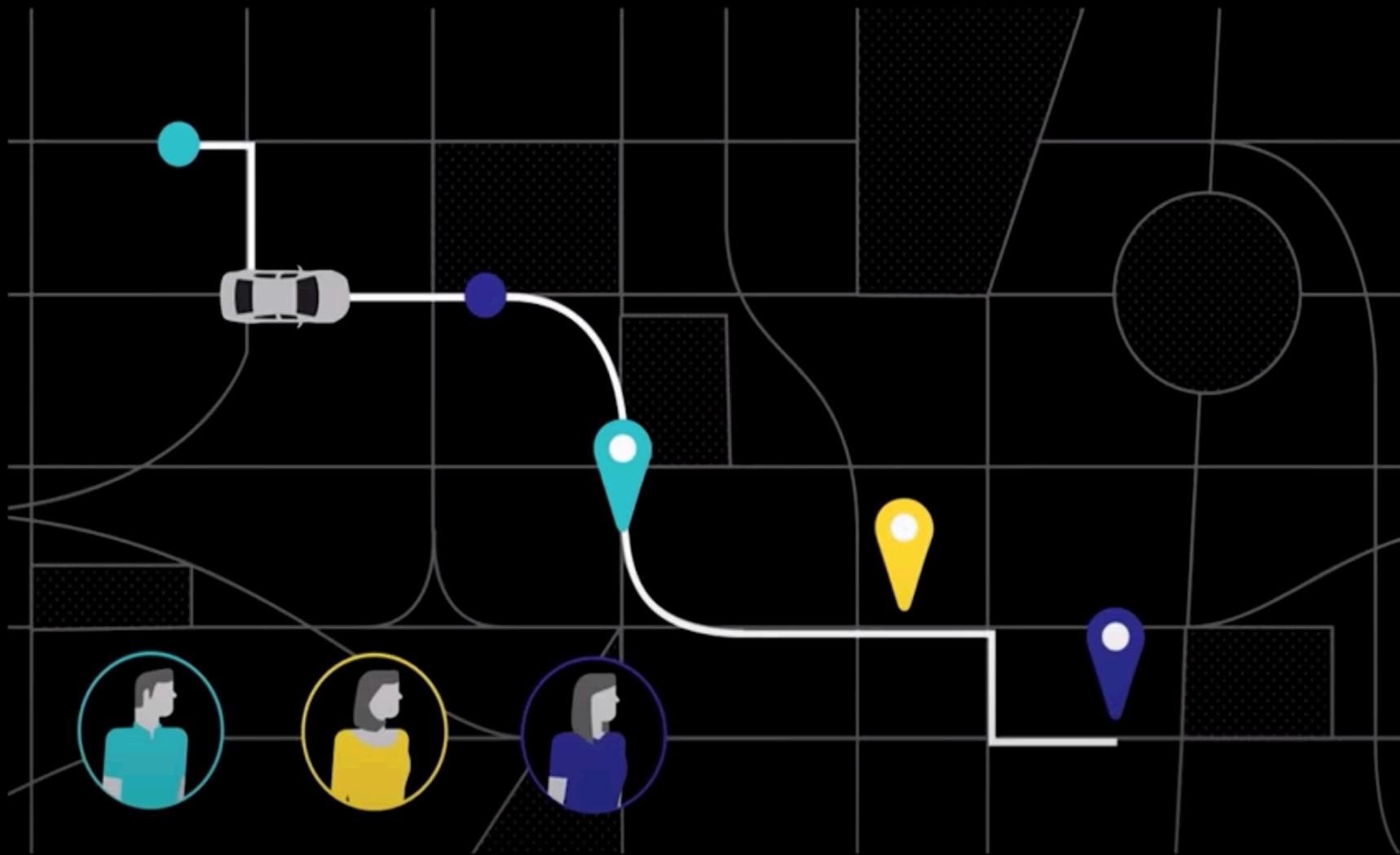
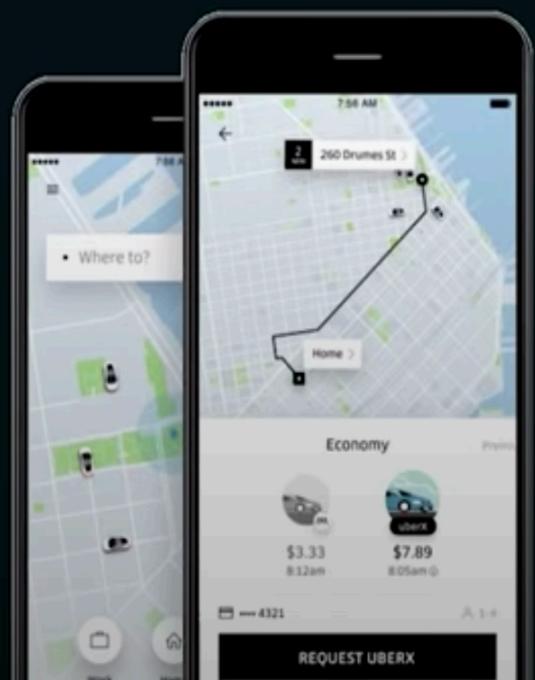
DATA





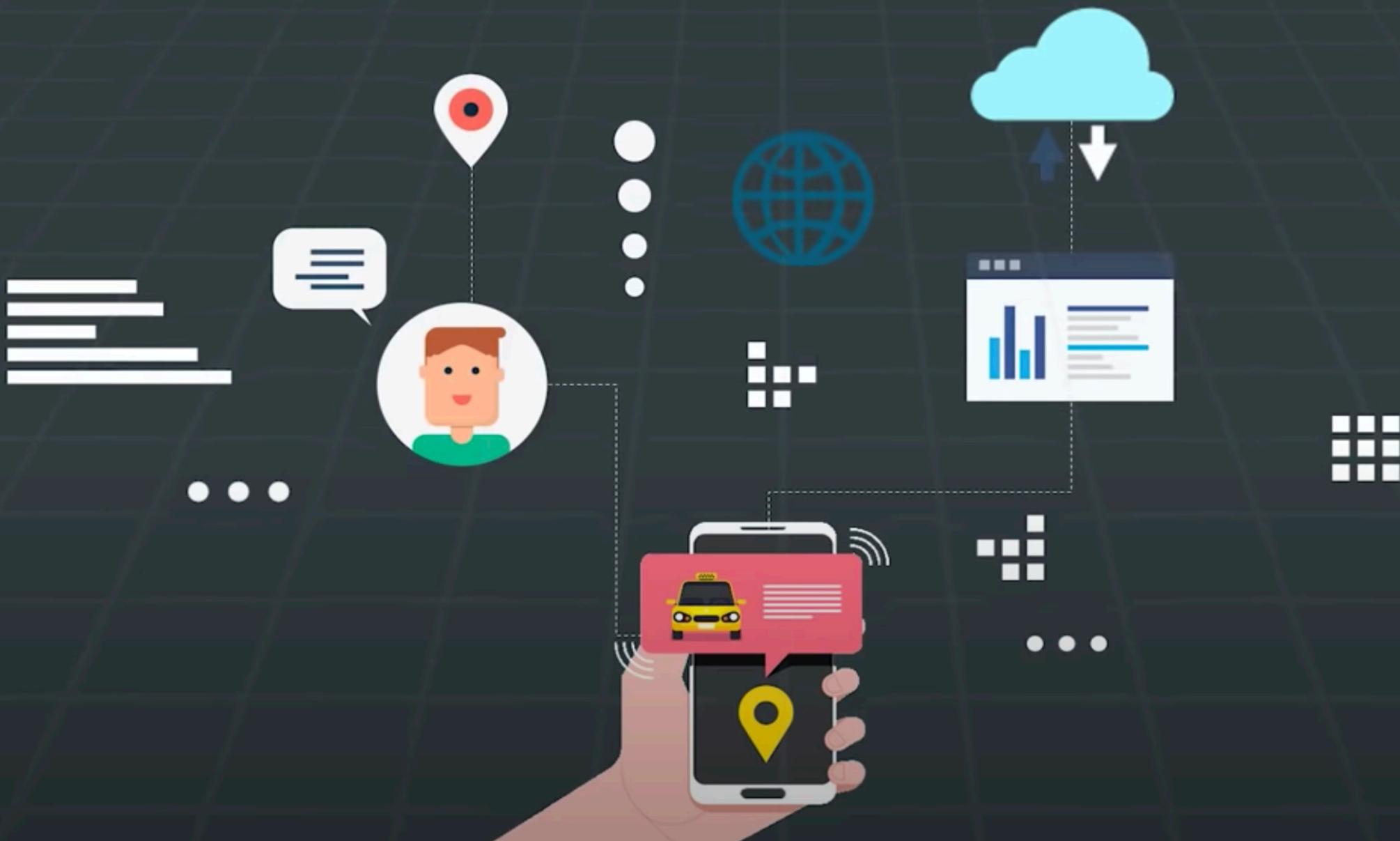
ALL OF THESE CONTAIN DATA THAT CAN
BE COLLECTED, ANALYSED AND MONETISED

UBER





Data makes Uber rich.



Is data
enough to
grow a
business?

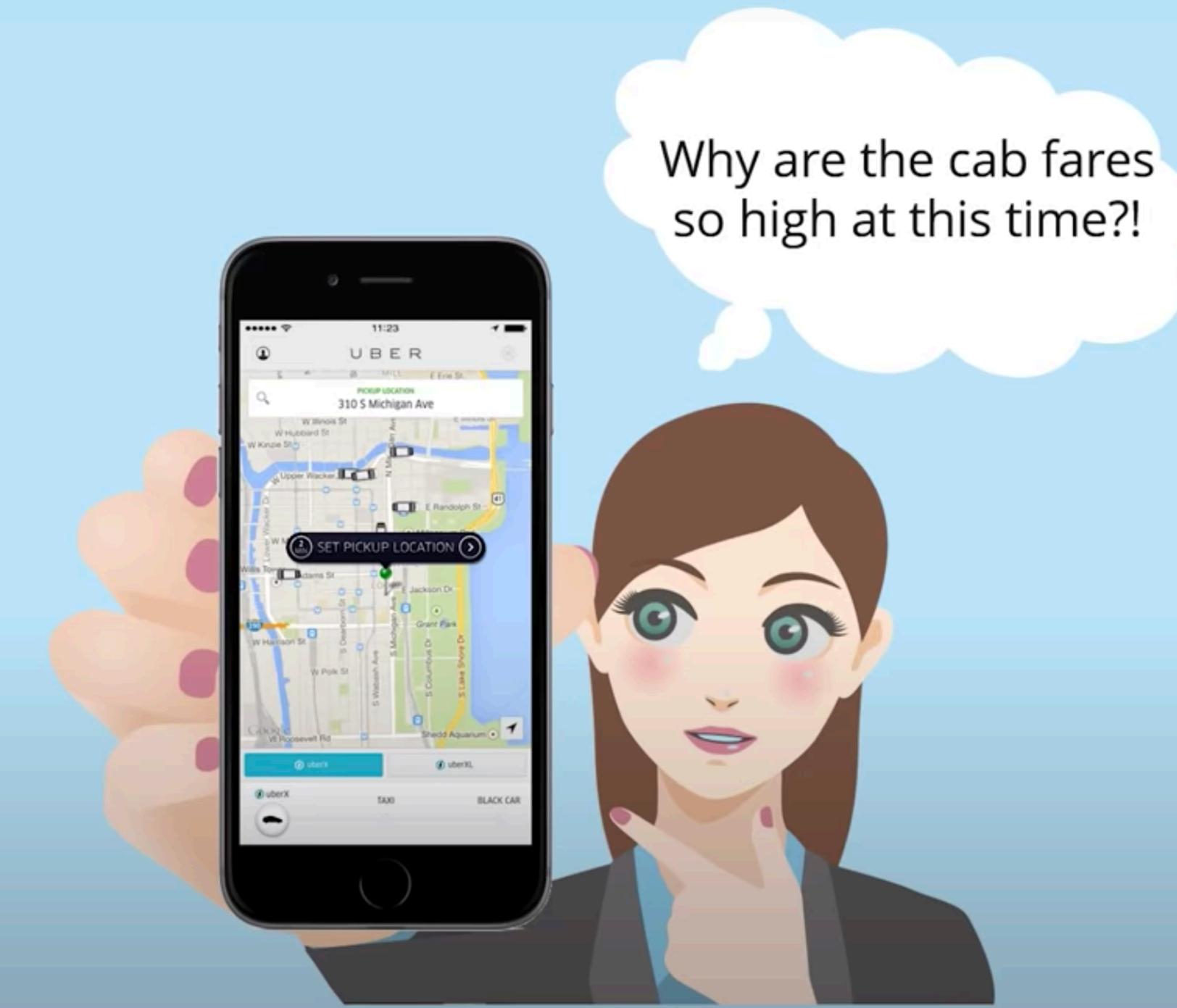


Data Science is the process of using data to find solutions / to predict outcomes for a problem statement.

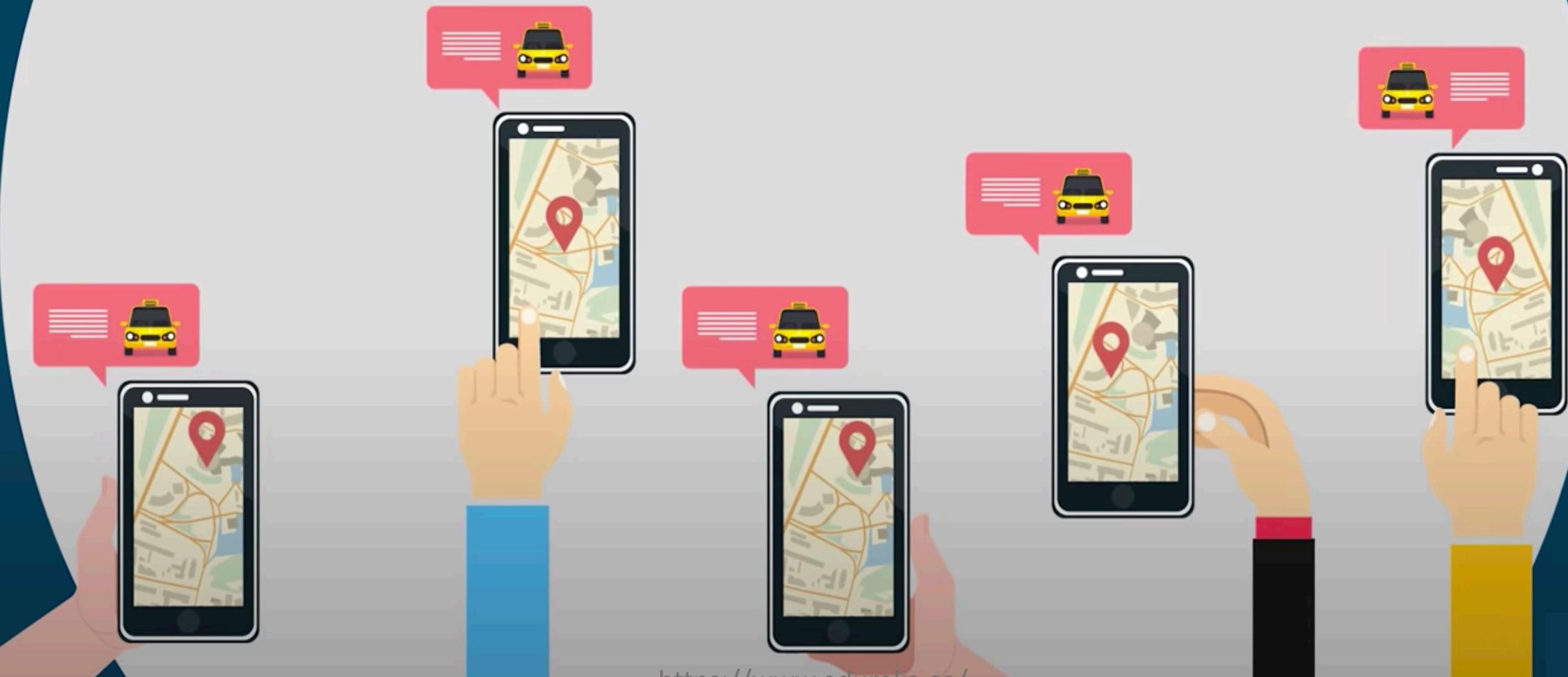




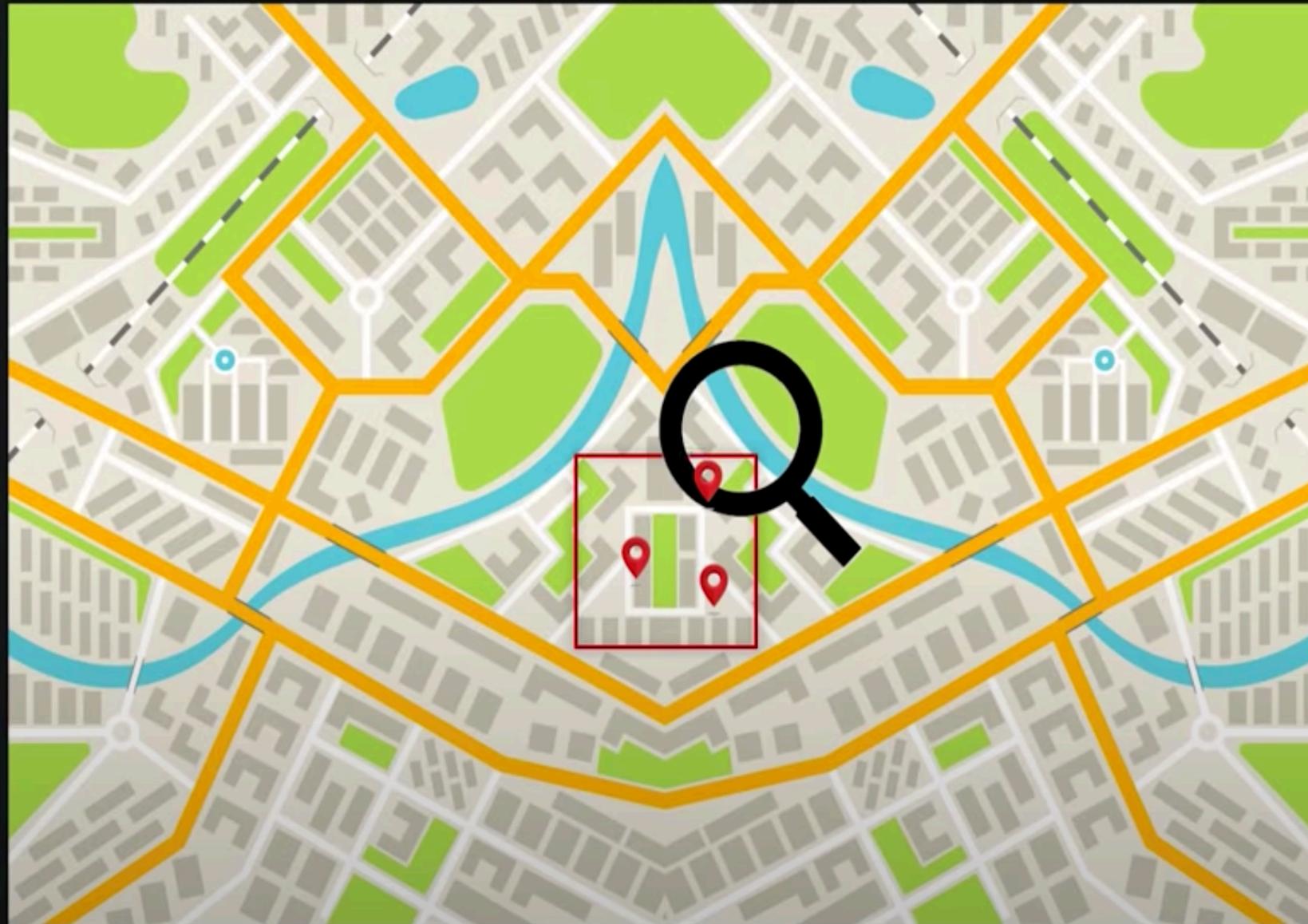
UBER

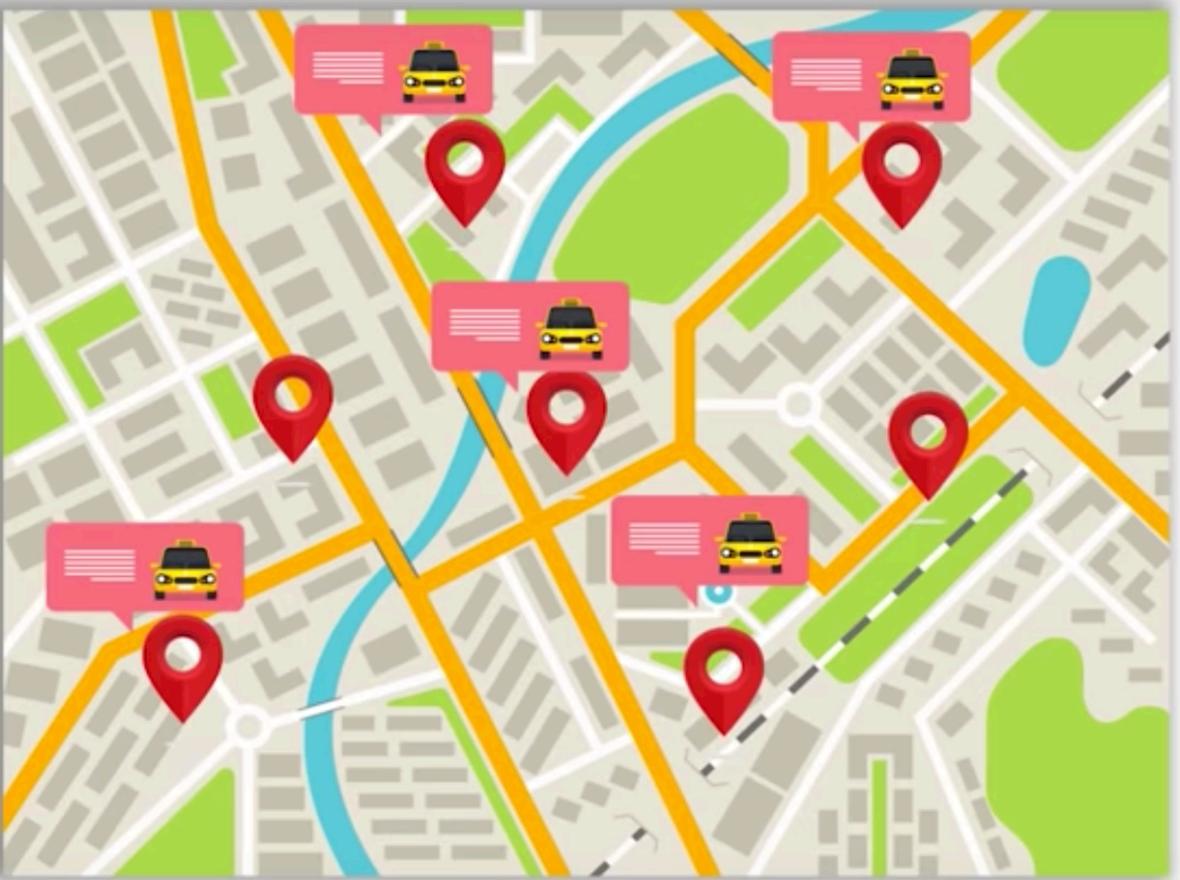


High demand for cabs

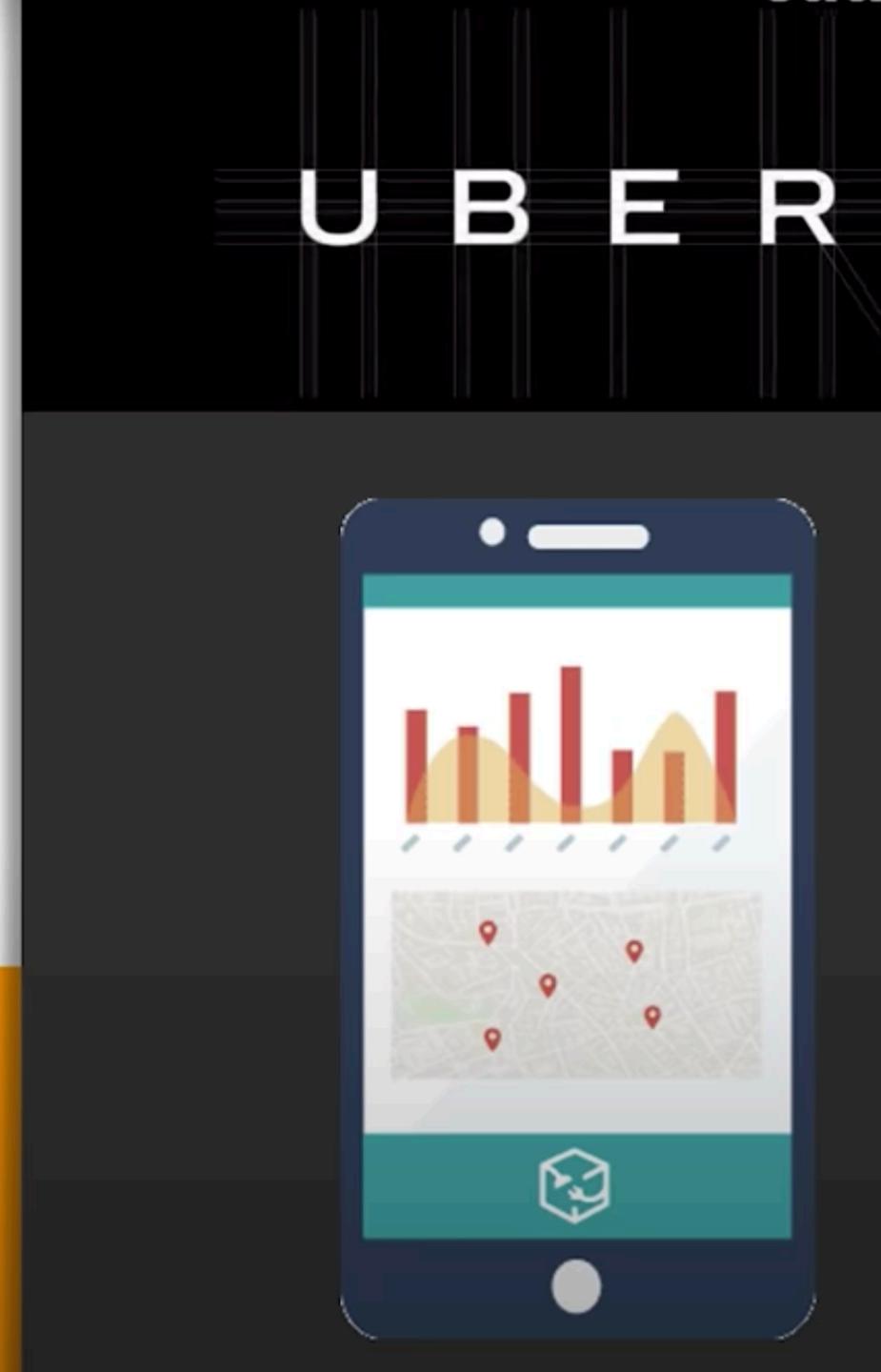


DATA SCIENCE AT UBER





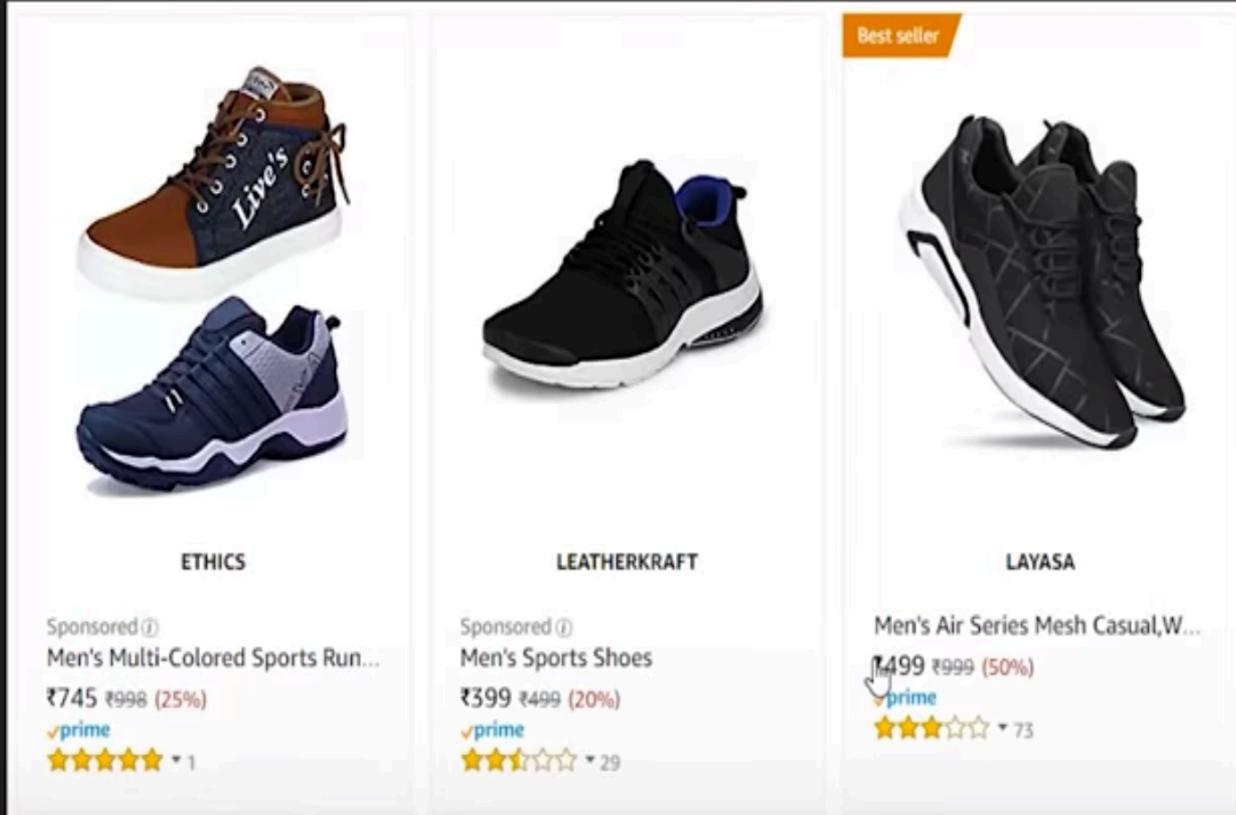
Uber activates surge pricing algorithm at the busiest locations, to get more drivers on the roads.







Ads Recommendation



A screenshot of an Amazon search results page showing three sponsored shoe listings. The first listing is for 'ETHICS Men's Multi-Colored Sports Run...' at ₹745 (Sponsored). The second listing is for 'LEATHERKRAFT Men's Sports Shoes' at ₹399 (Sponsored). The third listing is for 'LAYASA Men's Air Series Mesh Casual,W...' at ₹499 (Best seller). Each listing includes a small image of the shoe, the brand name, a 'Sponsored' or 'Best seller' badge, the price, a Prime logo, and a star rating.

Product	Brand	Price	Condition	Rating
Men's Multi-Colored Sports Run...	ETHICS	₹745	Sponsored	4.5 stars
Men's Sports Shoes	LEATHERKRAFT	₹399	Sponsored	4.5 stars
Men's Air Series Mesh Casual,W...	LAYASA	₹499	Best seller	4.5 stars



Ads Recommendation



YouTube

Search

Volume: 2,240,000/mo | CPC: \$60.74 | Competition: 0.92

Queen - Love of My Life

Top Men's Running Shoes

ASICS Men's Gel Running Shoe	New Balance Men's Running	Mizuno Men's Wave Rider Running Shoe	New Balance Men's Running
\$119.00	\$45.00	\$120.00	\$70.00

Powered by amazon

Up next

AUTOPLAY

Frank Sinatra I Love You Baby
Volodymyr Shynkar
42M views

Search

Zulalha Home Find Friends

Zulalha Lateef

News Feed

Messenger

Watch

Marketplace

Shortcuts

Devops & Docker

Math for Data Sci...

Engineering IQ

See more...

Explore

Groups

Events

Pages

Jemine MA > Beginning Data Science, Analytics, Machine Learning, Data Mining, R, Python

14 hrs · 5 comments

Like Comment Share

Data scientists or learners in # Nigeria ?

Ezekiel Yemi ya... Lets create a whatsapp group. Strictly For Nigerians... L

Like Reply 3h

2 replies

Ezekiel Yemi +2349022905849. Message me on Whatsapp if

Sponsored

Top Men's Running Shoes

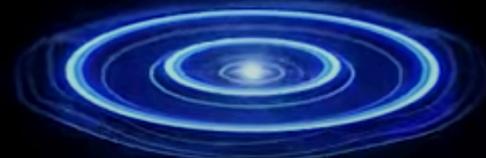
ASICS Men's Gel Running Shoe	New Balance Men's Running	Mizuno Men's Wave Rider Running Shoe	New Balance Men's Running
\$119.00	\$45.00	\$120.00	\$70.00

Powered by amazon

Credit Card Fraud Detection

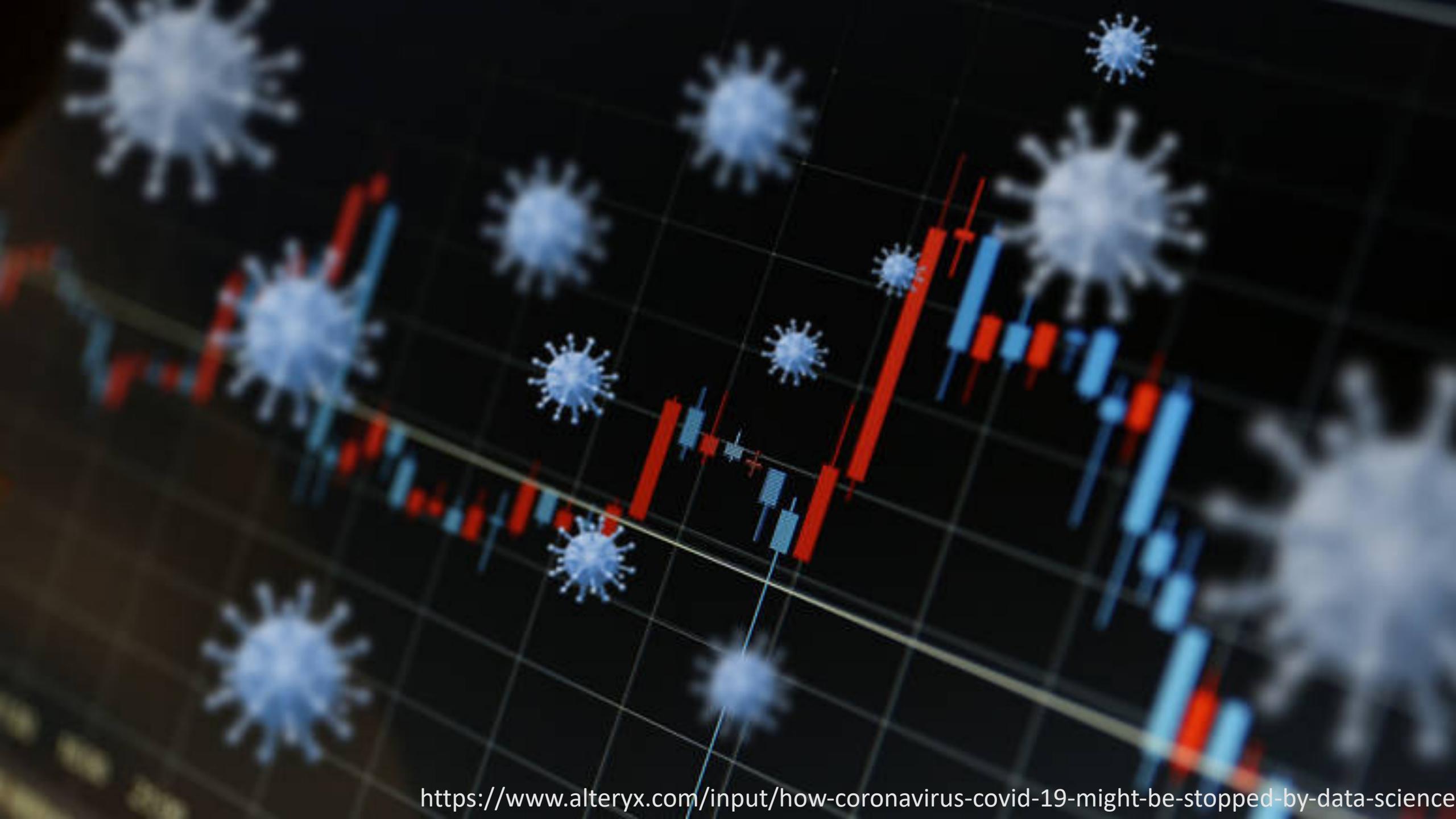


Virtual Assistant



Self Driving Cars





<https://www.alteryx.com/input/how-coronavirus-covid-19-might-be-stopped-by-data-science>



Our project: Predicting Covid-19 Survival Based on Patient Demographics

- **Main Question:** Can we predict a COVID-19 patients' mortality using their **demographics** and **health status**.
- Understand the relationship between COVID-19 survival/death and some variables describing the patient's demographics such as gender, age, ethnicity, etc.
- Explore the current trends of the death variable using visualization techniques.

The COVID-19 case surveillance system database

- Provided by the Centers for Disease Control and Prevention in the US
- Includes individual-level data reported of confirmed and probable cases of COVID-19.
- The dataset consist of **8** fields describing each patient:
 - `case_status`, `sex`, `age_group`, `race` and `ethnicity`, `medcond`, `hospitalized`, `icu`, **death**
- We will explore each field and its relationship with the death variable.

Let's start!

Access to the project

The project is available at: tinyurl.com/y24ecc68