

MANAGEMENT TEAM

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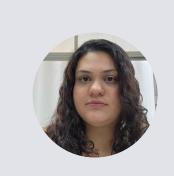




Larissa Roberta Agile Team







Lidiane Parisi Agile Team







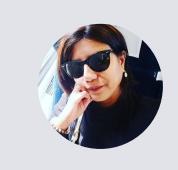


Lucas Romão Agile Team









Maísa Mendonça Agile Team









EAVIAS AVM

PROJECT DESCRIPTION

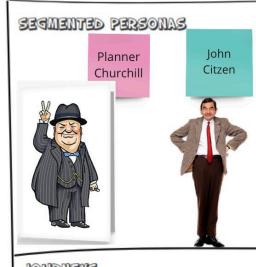
Where would be the best location in London to allocate public resources?

As City Planner

"I want To Have insights into criminality, education, financial well-being, health wellbeing, and drug use for each London borough so I can allocate resources in the necessary boroughs"

As citizen

"I want To observe the behavior upon criminality, education, financial well-being, health well-being, and drug use for each London borough so I can be updated on the socioeconomic data of my city"



JOURNEYS

One needs to improve the socieconomics numbers of the city

Is a high curious citzen who wants to get informed

MVP PROPOSAL

Provide highlights to alocate resources

- Education
- Criminality
- Drug Use
- Finances
- Health

FEATURES

Open transparency

Geolocation

User friendly interface

Recommendation

COST & SCHEDULE

Two week development

Total: £19718,78

EXPECTED RESULT

One service built in each semester of 2024

One million visits on 2024

METRICS TO VALIDATE
THE BUSINESS HYPOTHESES

Dashboard visit counting

No. projects developed by our dashboard recommendation

^{*}Caroli, P., 2017. Lean inception. São Paulo, BR: Caroli. org.

^{*}Villamizar, H., et. al, 2023. Identifying Concerns When Specifying Machine Learning-Enabled Systems: A Perspective-Based Approach.

PROJECT COST





Service category	Service type	Region	Description	Estimated monthly cost
Compute	Virtual Machines	UK South	1 B32ls v2 (32 vCPUs, 64 GB RAM) x 730 Hours (Pay as you go), Windows (License included), OS Only; 0 managed disks – S4; Inter Region transfer type, 5 GB outbound data transfer from UK South to East Asia	£847,74
Databases	Azure Database for MariaDB	UK South	General Purpose Tier, 1 Gen 5 (32 vCore) x 730 Hours, 5 GB Storage, 100 GB Additional Backup storage - LRS redundancy	£1.865,61
Compute	App Service	UK South	Standard Tier; 1 S3 (4 Core(s), 7 GB RAM, 50 GB Storage) x 730 Hours; Windows OS; 0 SNI SSL Connections; 0 IP SSL Connections; 0 Custom Domains; 0 Standard SLL Certificates; 0 Wildcard SSL Certificates	£285,43
Software	Data Vizualization Tableau		License	£720,00
Work Force				£12.000,00
Training				£1.000,00
Maintenance	Monthly			£1.000,00
Other costs				£2.000,00
		Total		£19.718,78





DATASETS

London Datastore

01

Health Wellbeing

Data regarding mental and physical health of Londoners



Financial Security

Data regarding the financial situation of Londoners



Education

Data regarding vocational qualification of Londoners



Criminality

Data regarding crime rates around London



Drug Use

Data regarding the type of drugs used around London

DATA PREPARATION

Dashboard

Premises

Organized by Borough Time Range: 2016-2022

Education

- Select London and Borough rows
- Used "Qualifications-of-working-age-NVQ" indicator
- Add the year column in the tab sheet from 2016 up to 2021
- Select the following indicators:
 - NVQ4+ percent,
 - NVQ3 percent,
 - NVQ2 percent,
 - NVQ1 percent,
 - NVQ0 percent
- Estimate the year 2022.

Health Wellbeing

- Select London and Borough rows
- Split years
- Select the following indicators:
 - Good physical health (no long-term limiting illness or disability)
 - A worthwhile and satisfying life
 - Healthy behaviors healthy weight (adults)
 - Healthy behaviors physically active adults

Financial Security

- Select the following indicators:
 - Rough Sleepers (%) Calculated
 - Up-to-date with household bills
 - Unemployment rate
 - Reducing local income inequality (%)
- Estimate the years 2016 and 2017

Criminality

- Create a total crime column
- Select Major Text, Borough, and Count columns
- Transport the table
- Aggregate historical dataset and 24 past months' dataset

Drug Use

- Select the indicators: drug-misuse-borough
- Average and standard deviation calculation from the years 2006 to 2011.
- Project the years 2016-2022 for borough.

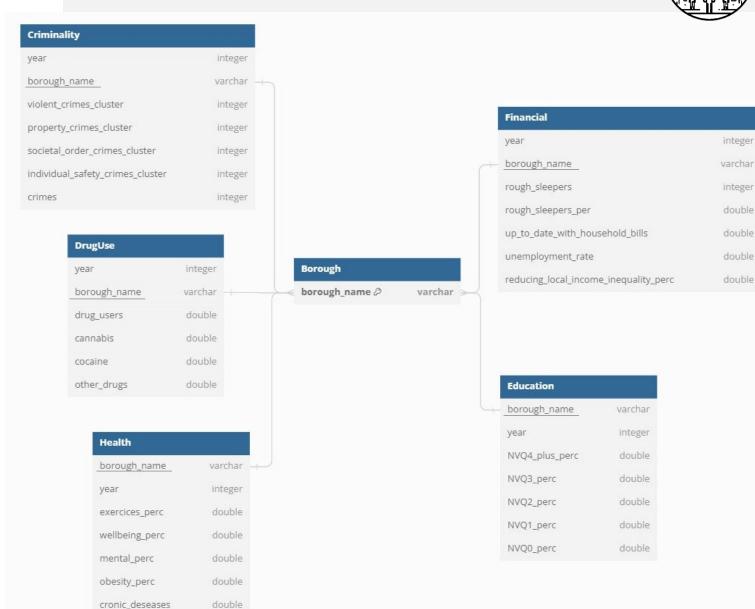
DATA MODEL

Data sheet

Questions were addressed and included the following topics:

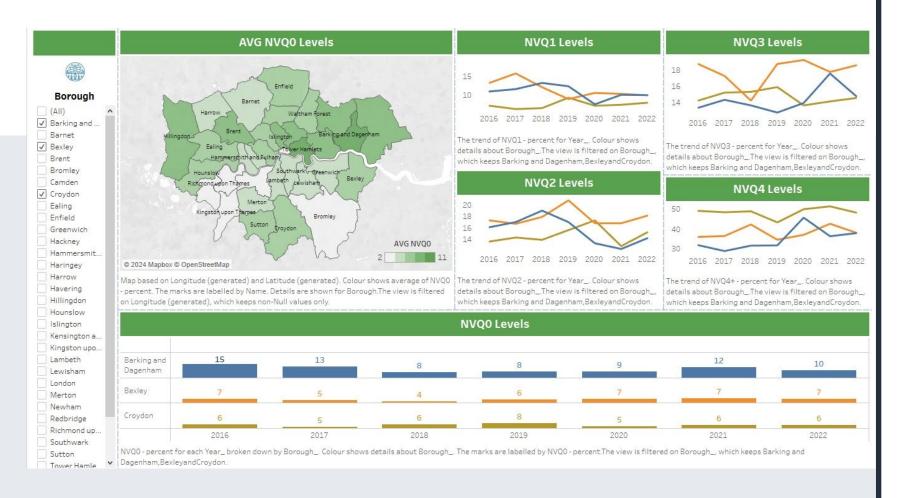
- Purpose and Origin
- Composition and Representation
- Data Characteristics and Labeling
- Ethical and Legal Compliance
- Collection Process and Validation
- reprocessing and Data Integrity
- Usage and Application
- Distribution and Accessibility
- Maintenance and Updates
- Preprocessing and Data Integrity





Gebru, T., et. al, 2021. Datasheets for datasets. Communications of the ACM, 64(12), pp.86-92.

DASHBOARD



5 views

- Health Wellbeing
- Financial Security
- Education
- Criminality
- Drug Use

Accessibility

Color blindness



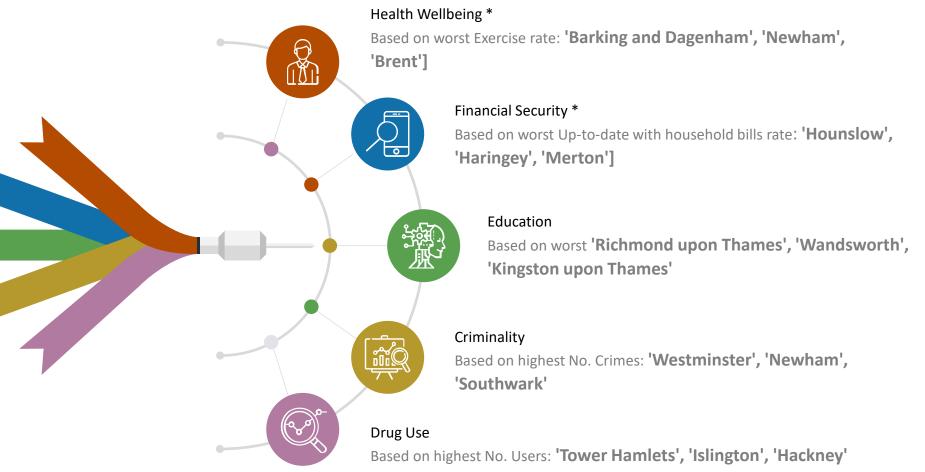
- Chart Descriptions
- Reading Experience

RECOMMENDATIONS

* Correlation analyses





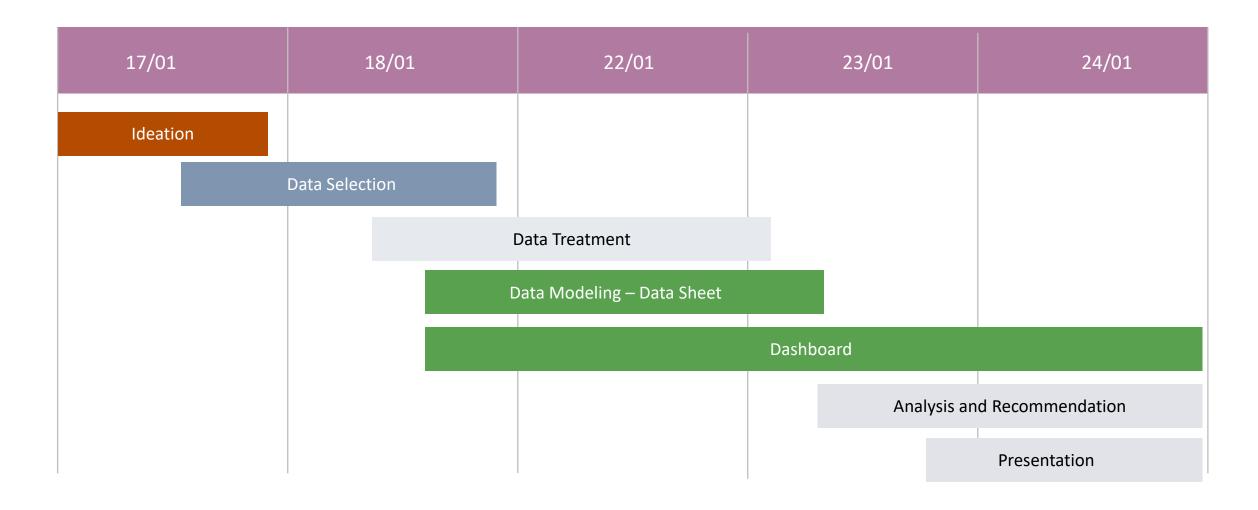




OUR WORK

Agile Team

- Daily Meetings
- Working in Pairs





T H A N K Y O U