

CARITAS⁺

Saturday, 20. April

HACK
4 SOCIAL
GOOD

Team Caritas+



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Our Challenge

Our challenge



Caritas Switzerland

Support services for
people in poverty
Lobbying and policy
recommendations

raw data

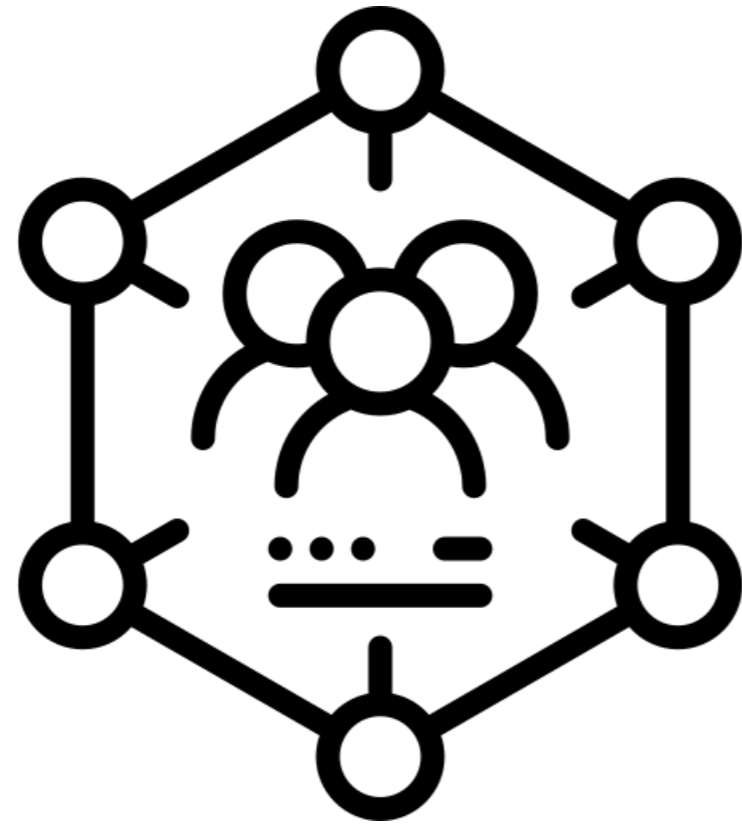


Dashboard

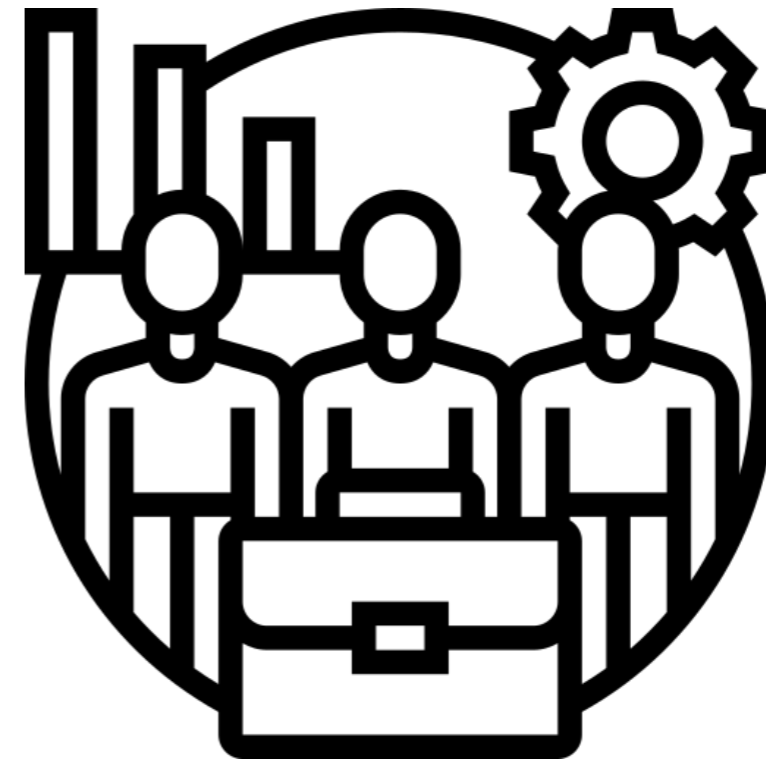
Indicators and
predictive models
Dashboard prototype

Our Process

Two Teams

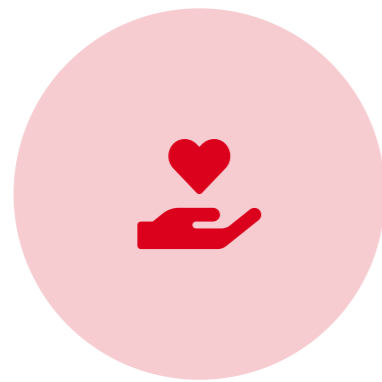


Who & What?



How?

What do Caritas' stakeholders want to know?



Social workers / Team lead

Find solutions for clients
Manage team capacity
Recognize regional trends



Caritas Switzerland

Fund services for impoverished
Raise awareness for poverty
issues
Recognize national/regional
trends



Government policy makers

Allocate funds to service
providers
Adjust government policies on
poverty alleviation

Solutions

No-Code

Heavy Code

Heavy Code



Setup Effort

Low

High

Very High

Customization

Difficult

Infinite Possibilities

Infinite Possibilities

Approach

Business Intelligence

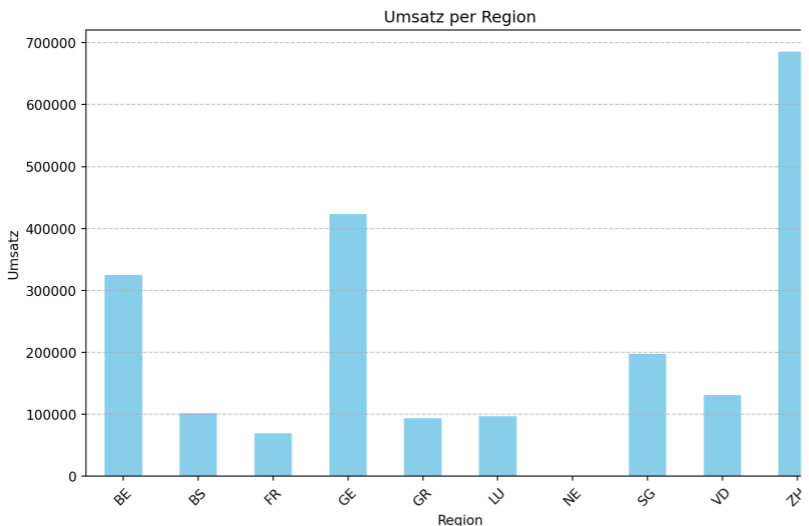
Data Science

Web App

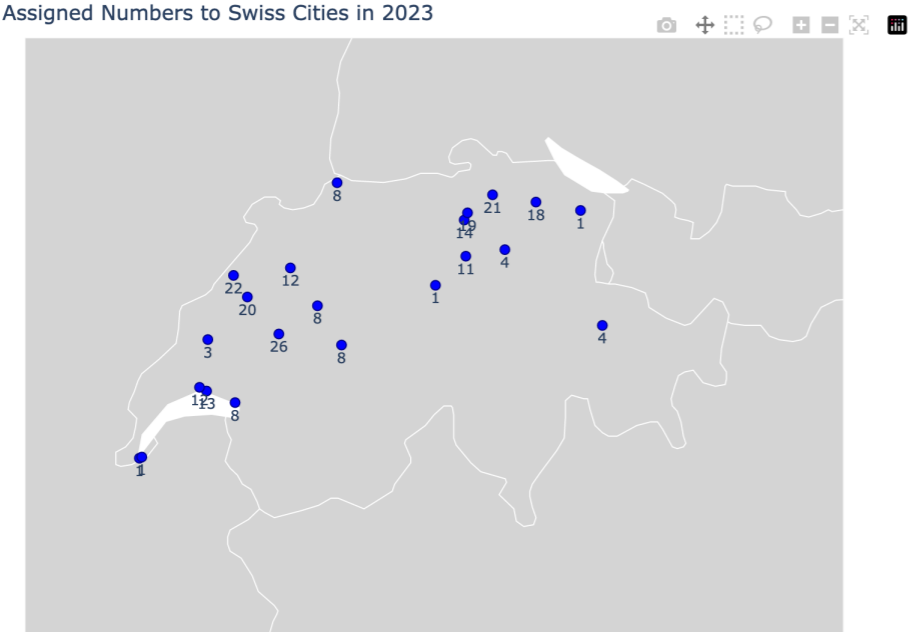
Our Solution

Heavy Code: Quarto

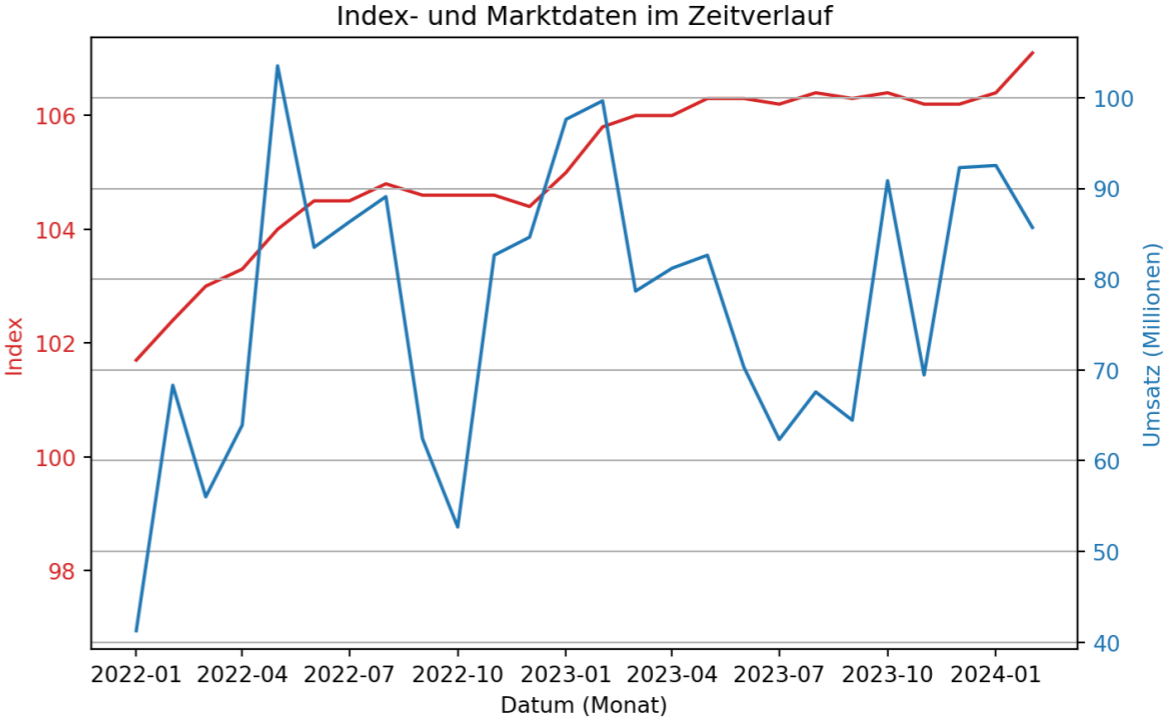
Market



Karte



Index mit Umsatz verglichen

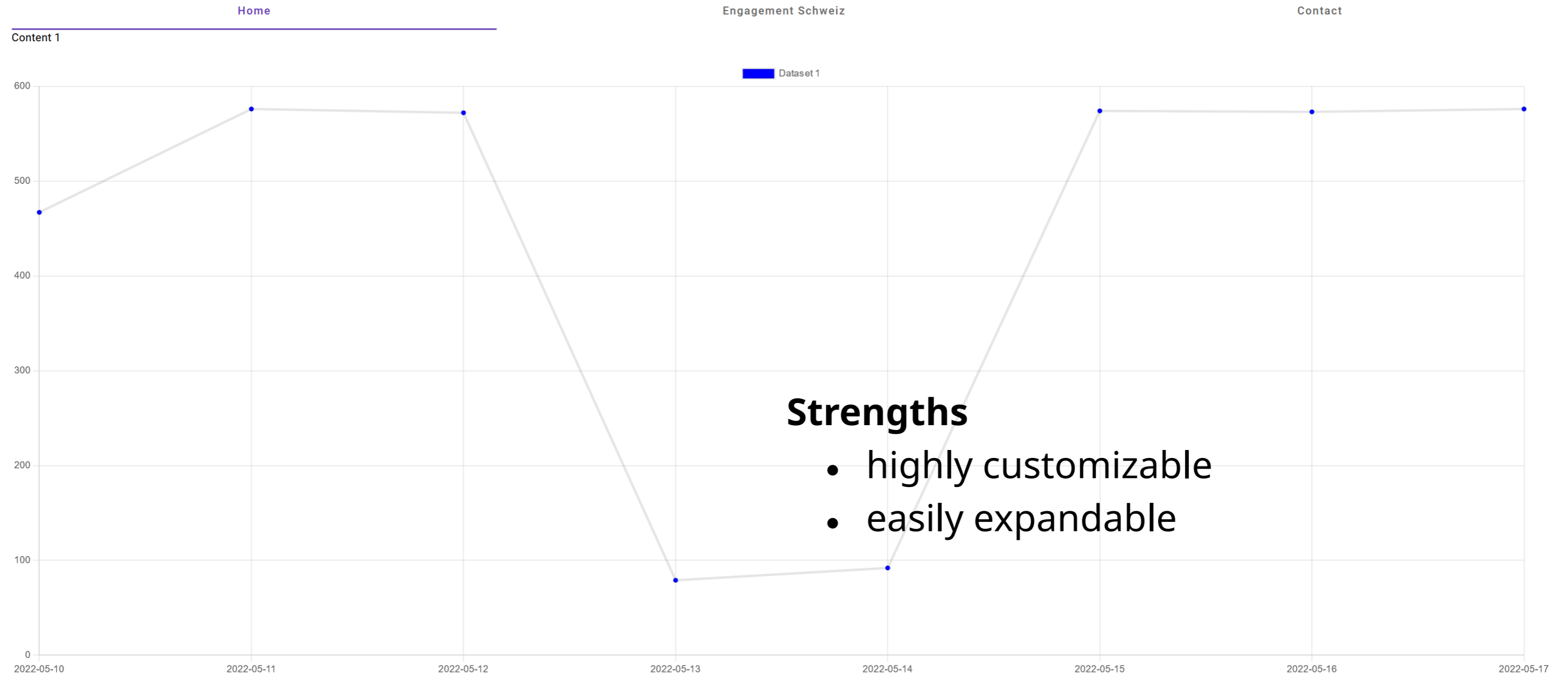


Strenghts

- simple
- versatile output formats as a report
- cross platform support
- limited interaction

Heavy Code: Angular Web App

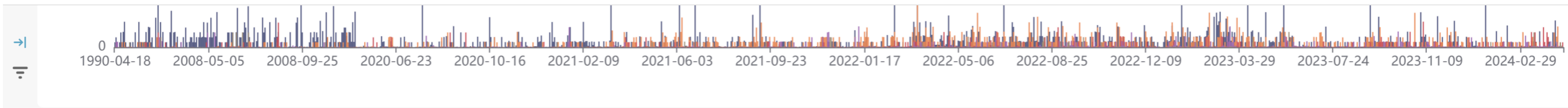
Caritas Dates



No-Code: Apache Superset

Caritas Social Worker - hack4socialgood ☆ Draft

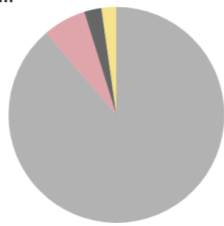
EDIT DASHBOARD



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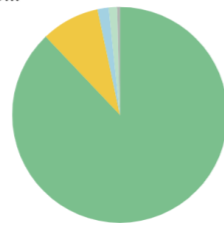


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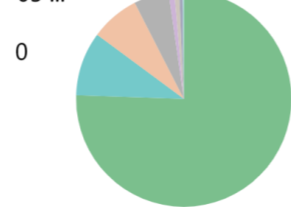


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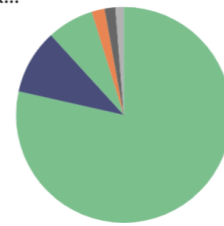


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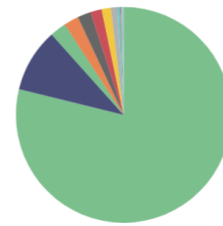


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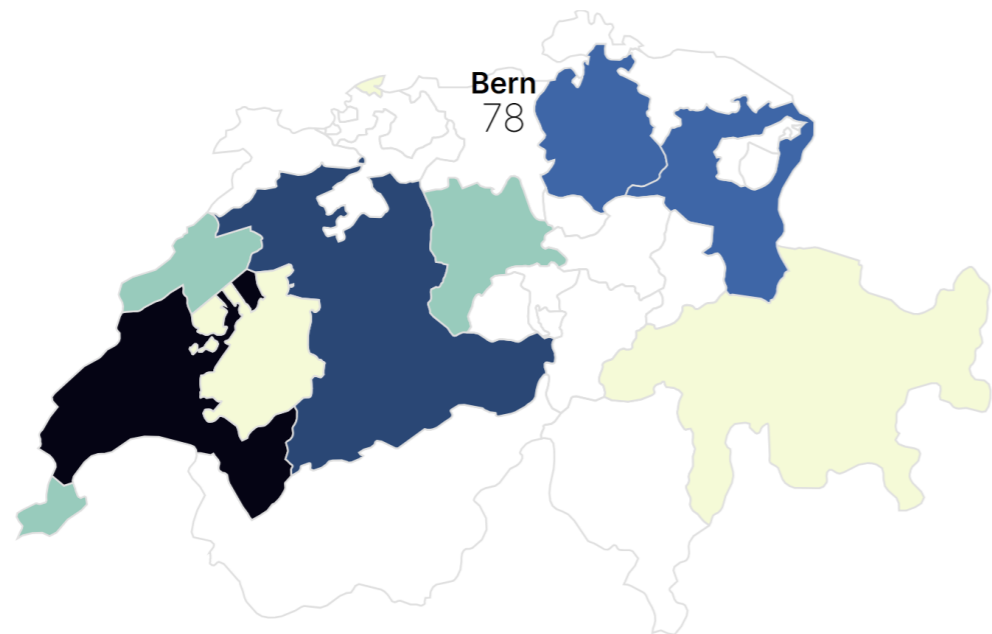
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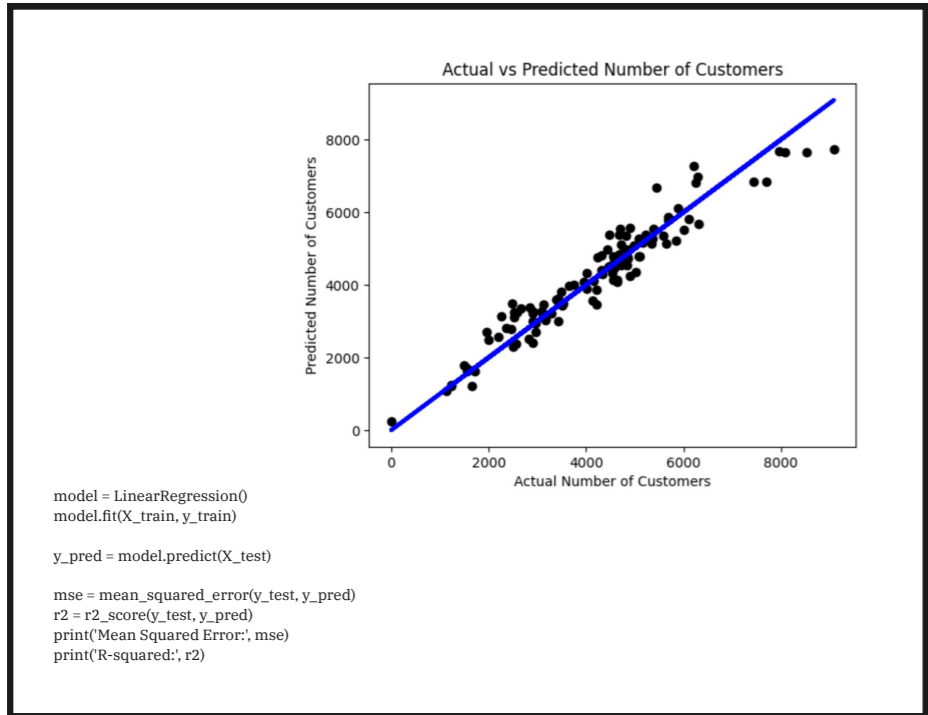


00 ...

swiss_overview_number_interactions



Future Innovations



e.g. Predicted number of customers for the month of May in the Region Bern

Predictive Algorithms

Leverage data to predict future trends

- Sales & revenue
- Customer & market trends
- Inventory management

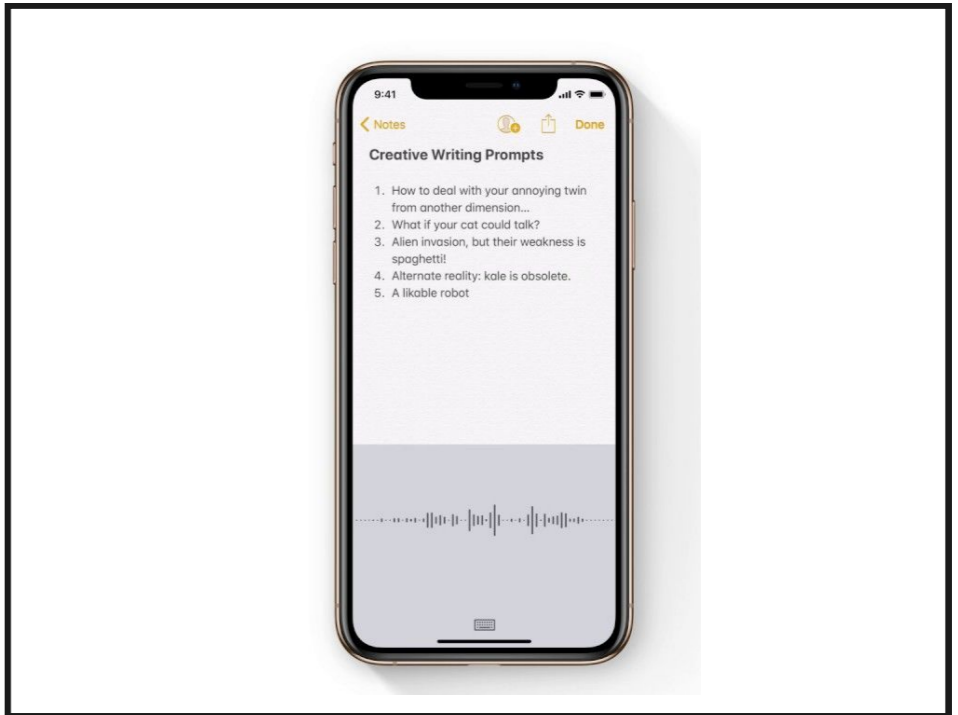


© Caritas Markt

Caritas Markt Card

Harvest data every with every purchase

- Introduce client numbers
- Collect demographics, purchasing behaviour, retention rate



© YouTube

Speech to Text Notes

Facilitate work of social workers

- Replace lengthy note-taking after meetings & calls with taking notes via speech

Next steps

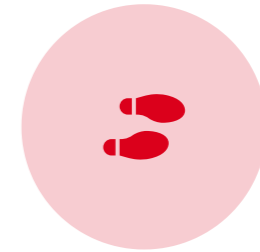
What's Next?



**Test, get user
feedback**



**Develop &
implement data
strategy**



**Implement
dashboard**

Questions?

THANK YOU

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