



MT. KAMUNING

Quezon City

Photo by Top Gear Philippines

GOR A LANE

Quezon City



DIFFERENT

**DIFFERENT
AGENCIES**

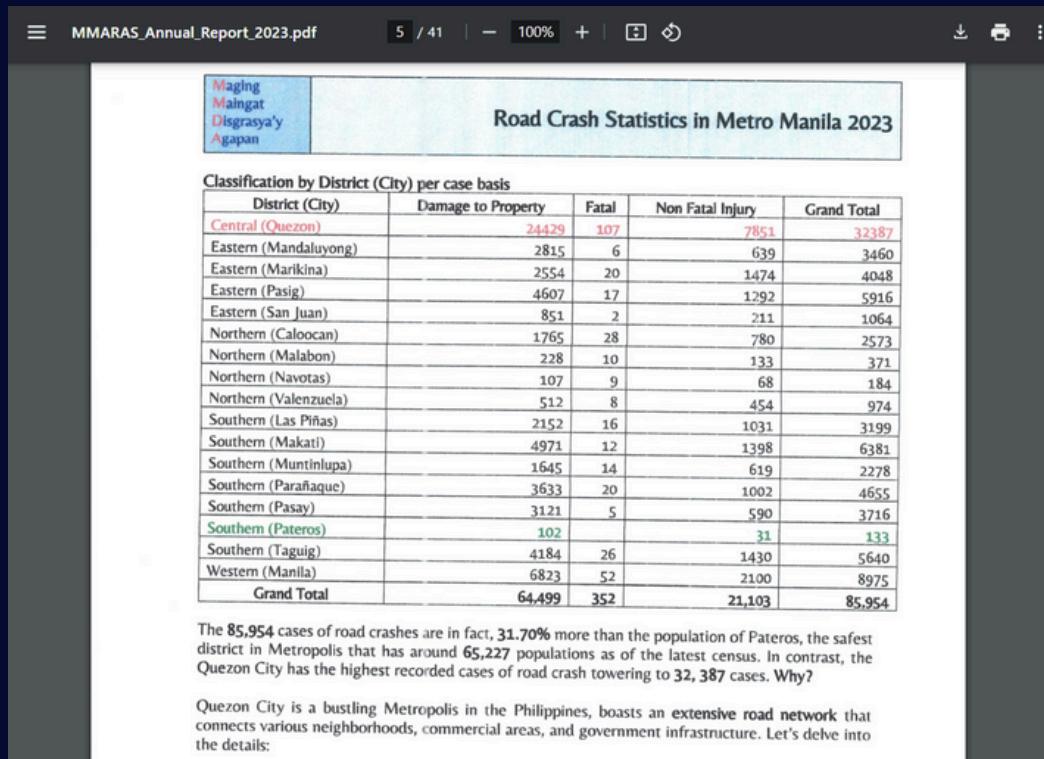
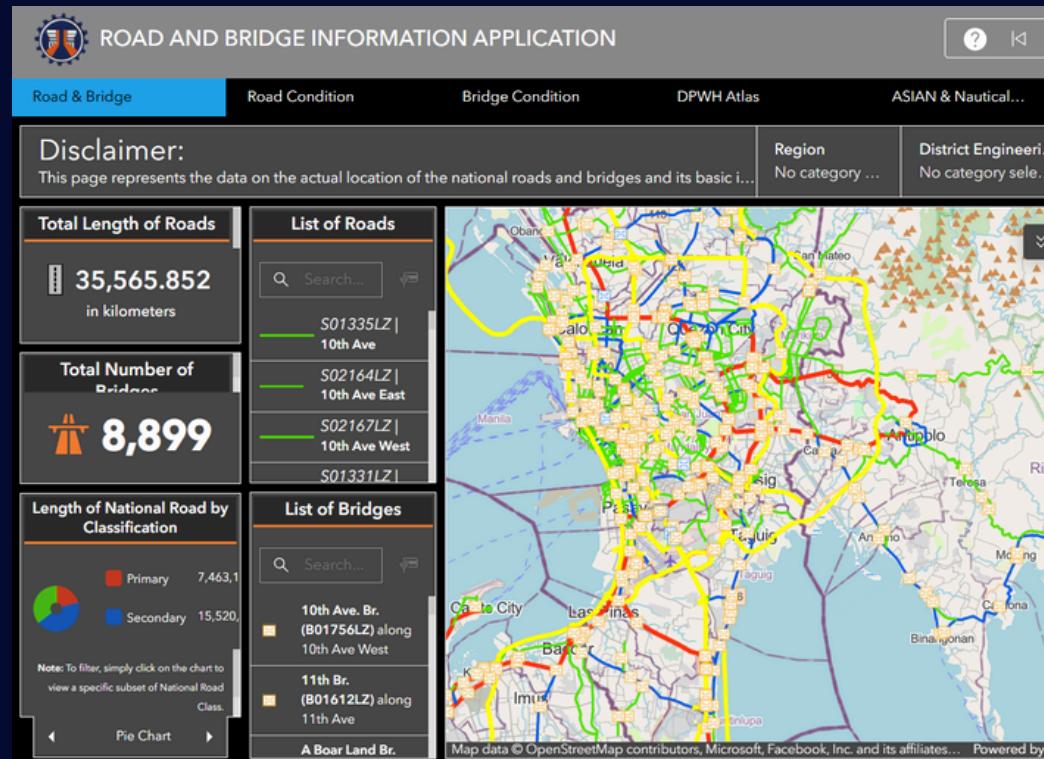
DIFFERENT
CONCERN

**DIFFERENT
DATA**

**DIFFERENT
PROBLEMS**

ANO ANG UUNAHIN MO?

Most applications are **data driven systems** that only maps and visualizes data.

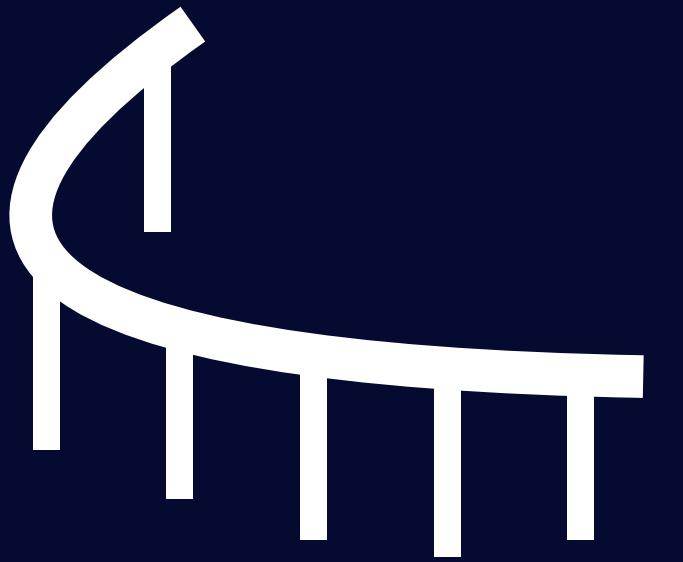


Department of Public Works and Highways

Metropolitan Manila Development Authority

Department of Transportation

CREATE.

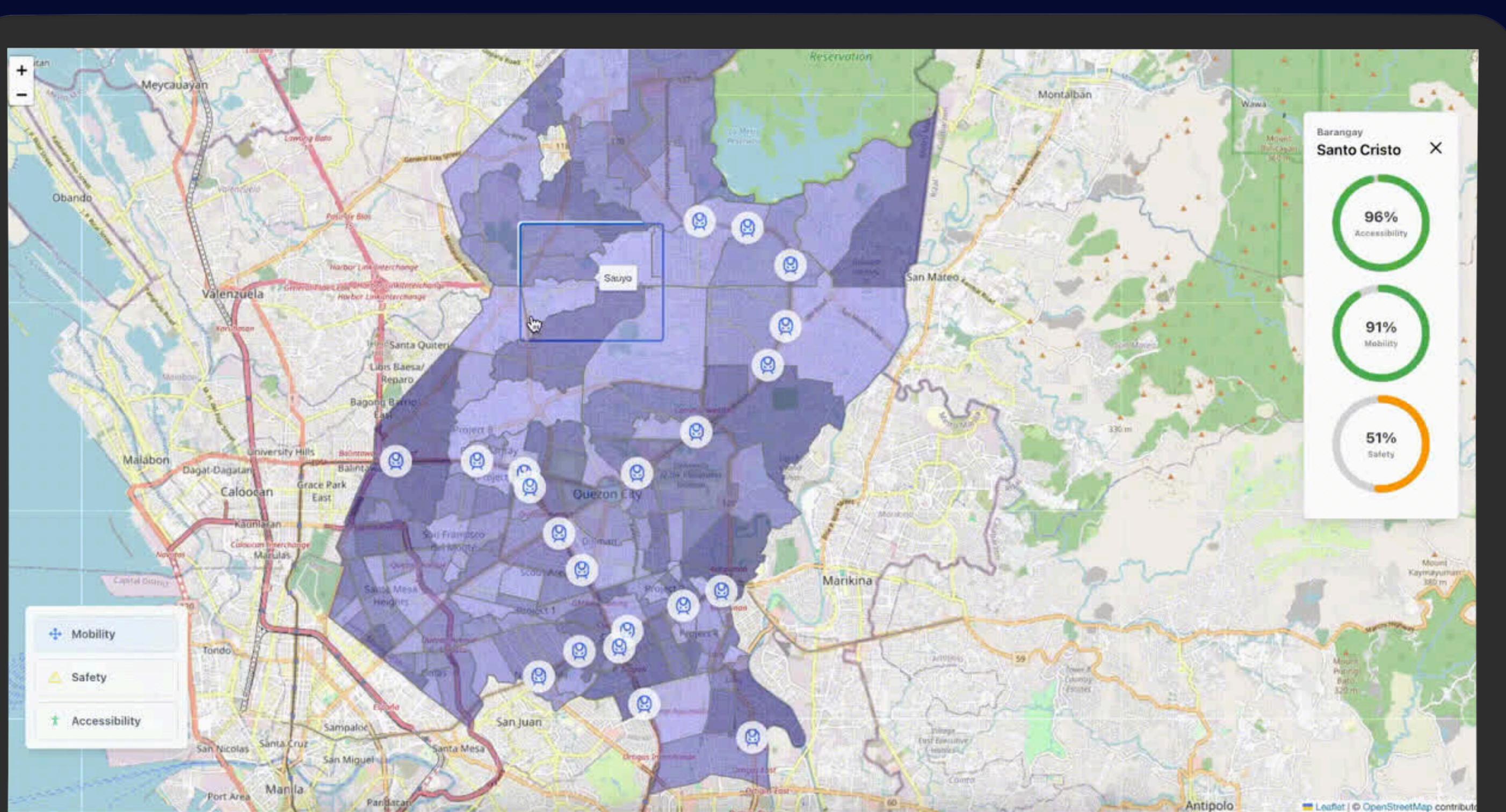


TULAY

Bridging the Distance
Connecting communities

Pedestrian Architecture Map (PAM)

visual map where we classify and score areas



Promoting Accessibility To Humans (PATH)

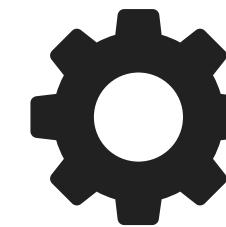
suggests infrastructure projects on certain areas based on PAM's insights



SMART

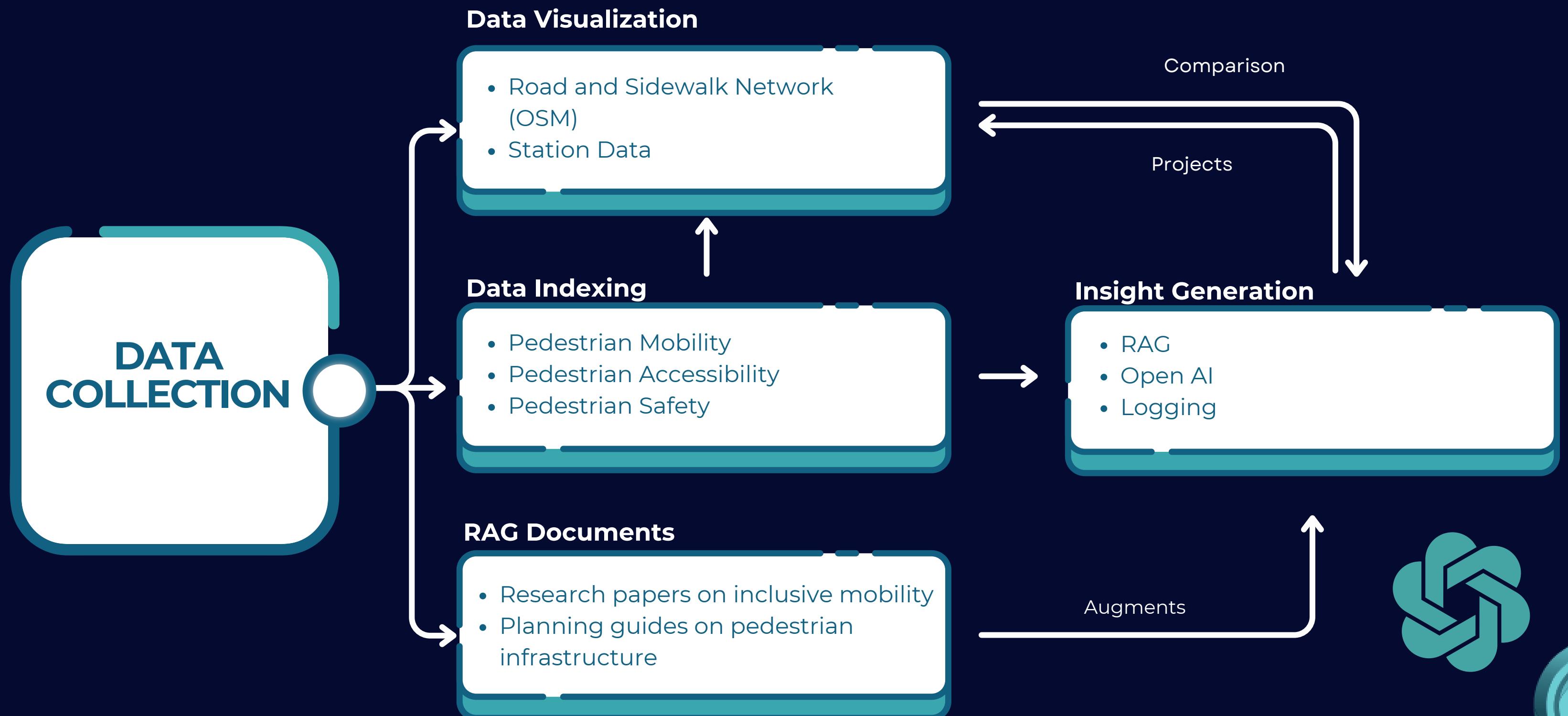


Develop an intuitive GIS visualization map of Pedestrian accessibility, mobility, and safety **in 3 Quezon City Barangay within 3 months**

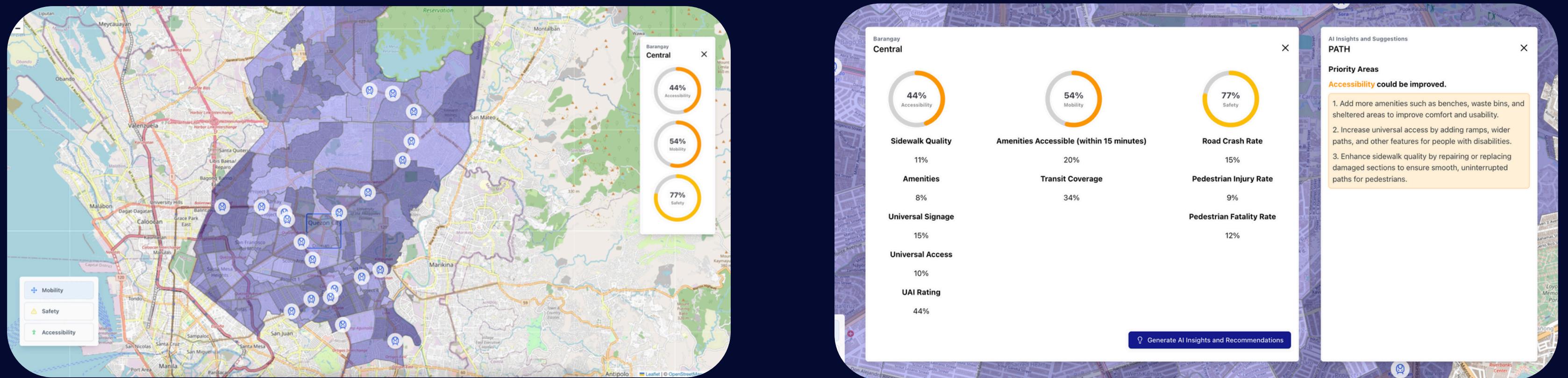


Develop a **smart AI system that learns from previous intervention / action** reports and suggests relevant solutions to similar conditions.

tulay technology



methodology



PAM reveals the deficiencies in metrics



PATH presents relevant actions

potential problems

future challenges and mitigation



Open Source
Data **inaccuracy**
and diverse data
sources



Inaccuracy of AI
in Analyzing
Pedestrian
Trends



Keeping up with
urban growth
trends

key performance indicator

evaluate the improvement in performance of Tulay



identification of
high-risk
pedestrian areas



collaboration of
agencies should
grow



better use of
infrastructure
budgets

Proposal Definition

Identify what the stakeholders need

Problem Mitigation

- Procure more data for AI sophistication
- Reducing data inaccuracy through LGU verification
- Standardization of similar data
- Government and NGO involvement

Improvement & Refinement

Strengthen metrics
Explore Predictive Analysis



MVP

Initial Prototype Development

Testing & Prototyping

Launch

meet the devs
MT. KAMUNING

Joseph
Tuazon



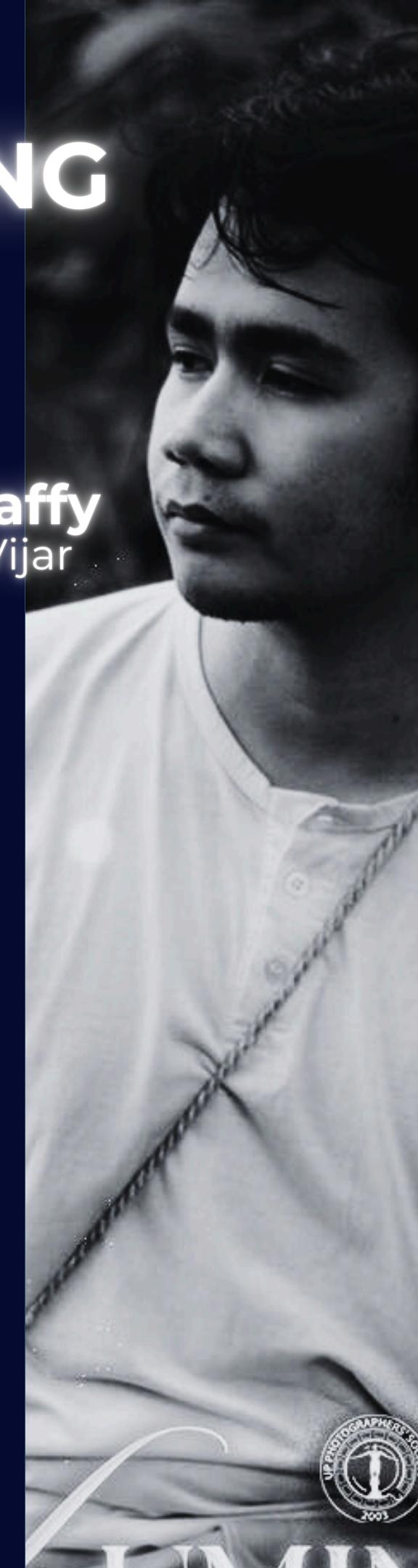
JM
Magpantay



Darwin
Calub

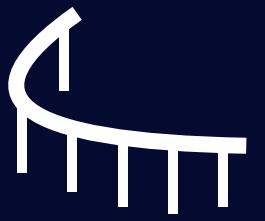


Raffy
Vijar

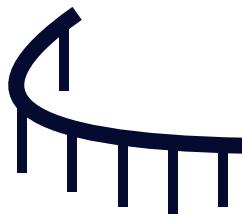


Ralph
Rea

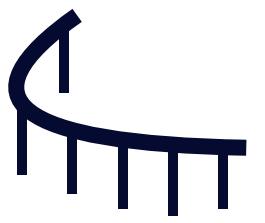




Start **bridging** the distance and



Start **bridging the distance** and
connecting communities



TULAY

References

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