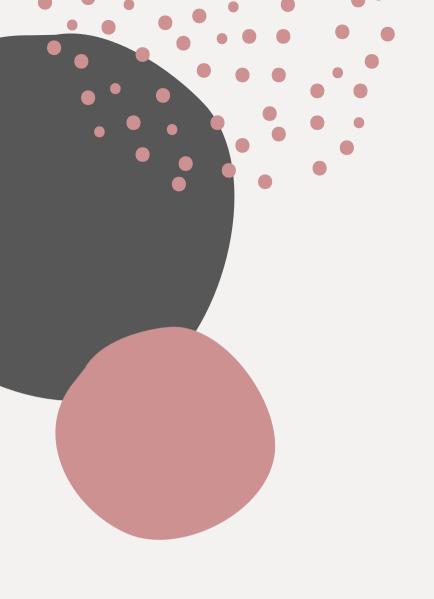
DESIGNING COLLECTIVE INTELLIGENCE - ACROSS RCA

THE LONELINESS PROJECT

Team Spectrum



Meet the Team

SPECTRUM



Michi GID/Keio



Judith
Service Design



EstherService Design



Kamila

Design Products



Elijah

IDE/Imperial



Yi IED



Bai
GID/Tsinghua



THE PROBLEM

Lack of Contextual Info on Loneliness

Loneliness is one of the significant factors for determining one's well-being across all ages; however, because of the lack of contextual information around why we feel this way, it's difficult to find effective solutions that best meet one's needs.

Limitations of Existing Solutions

LACK OF CONTEXTUAL INFORMATION

The most widely adopted means of measuring loneliness is based on one's subjective feelings of loneliness. However, this measurements disregard important contextual information such as why and when people experience loneliness.

Table 1: Recommended measures of lo	neliness for adults	
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Items	Response categories
How often do you feel that you lack companionship?	Hardly ever or never, Some of the time, Often
2. How often do you feel left out?	Hardly ever or never, Some of the time, Often
3. How often do you feel isolated from others?	Hardly ever or never, Some of the time, Often
How often do you feel lonely?	Often/always, Some of the time, Occasionally, Hardly ever, Never
	 How often do you feel that you lack companionship? How often do you feel left out? How often do you feel lisolated from others?

Source: Office for National Statistics

Example of metrics used for measuring loneliness

HOW MIGHT WE

BUILD A SYSTEM FOR BETTER UNDERSTANDING THE CONTEXT OF LONELINESS SO

we can offer actionable insights that could encourage residents, local communities and governments to take action?

HMW build a system for better understanding the context of loneliness?

OUR APPROACH

- 1. Gather & analyse the contextual data such as location, weather, and events in addition to data on demography and subjective loneliness.
- 2. Build metrics called
 Loneliness Marker which
 incorporate the contextual
 information on loneliness.
- 3. Create a digital platform where people can see a visualisation of loneliness marker in their interest areas.

- 4. Offer a place to share actionable insights on our platform for individuals, communities & governments.
- 5. Measure impact & improve Loneliness

 Marker to ensure our metrics are inclusive and effective.

Who Are Our Stakeholders?

- Residents
- Experts
- Local communities
- Governments
- Corporate partners
- Investors





1. GATHER DATA

In order to determine the contributing factors to loneliness, we'll collect data not just on subjective loneliness but also on weather, time, social media, and location.



news + media



social circle





NO CONTEXT self reported data (e.g. UCLA Scale)



social media



weather

significant dates



0 虘 low moderate moderate high high high extreme

Visualisation of Loneliness Marker by context

How Do We Build Loneliness Marker?

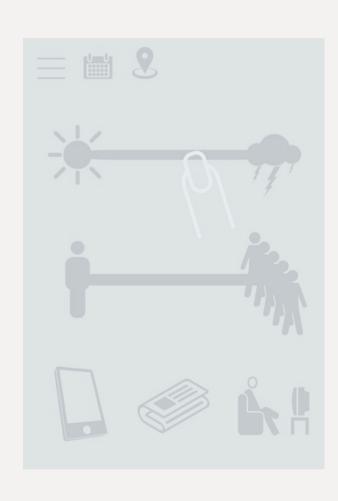
2. ANALYSE DATA

Once the necessary data are collected, we'll clean the data for analysis and identify patterns & correlations between factors.

3. BUILD LONELINESS MARKER

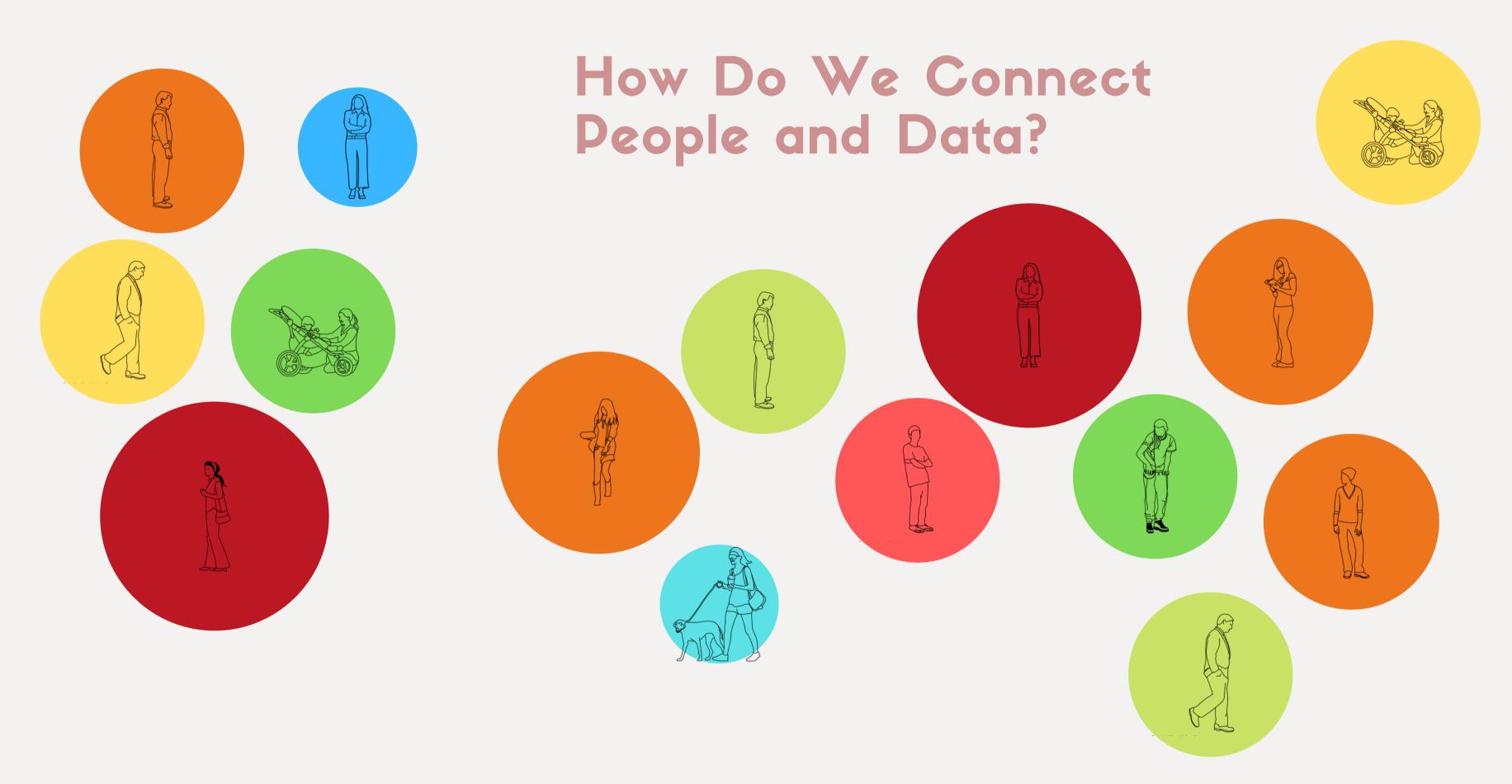
Based on the data analysis, we'll create our loneliness marker which will then be used to encourage individuals, communities & governments to take meaningful actions.

How Do We Connect People and Data?

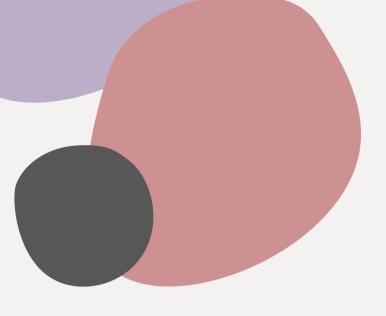




Concept for Loneliness Marker Visualisation



Loneliness Marker can be mapped by individual loneliness levels.



Impact We Want to Bring

INDIVIDUALS

Utilise our Loneliness

Marker to make decisions

on where to live, study,

work, etc.

COMMUNITIES

Use our Loneliness

Marker to assess their

community resilience,

potential risk factors, and

their impact.

GOVERMENTS

Introduce effective policies that can scale across a nation and encourage cooperations across nations

Thank you!

Any questions?







Loneliness Marker mapped by locations