**Sunny Street data for Viz For Social Good**

**File names**

* Sunny Street Patients.csv
* Sunny Street Patient Medicine.csv
* Sunny Street Patient Immunisation.csv
* Sunny Street Patient Diagnosis.csv

This is Sunny Street’s patient database and clinical record system (‘Best Practise’). It is their most comprehensive source of data, but more then anything else, they are capturing demographic & disease/behavioural data. Whenever a conversation is had with a patient, they are logged on this system.

The 4 .csv files above are the results of the very large ‘Best Practise’ database being transformed in more meaningful files for the analysis.

**This data is 1 row per patient**

**The questions we have been asking are:**

* What are the age groups, gender, regions and ATSI percentage Sunny Street are primarily caring for?
* What are the most common medical conditions prominent in the homeless sector?
* We also use this data to ask more specific questions around prescriptions provided, infections treated, drug use, percentage of homeless individuals consulted by Sunny Street.

File name: Campfire Shift Measures.csv

1. **Campfire:** After each clinic our volunteers self-record the data as part of the shift debrief. The result is a dataset **per shift**with a column for each shift measure.
   1. **Data collected at each clinic:**

                               i.   Number of:

* + Nurse consultations
  + Doctor consultations
  + Nurse practitioner consultations
  + Conversations with other service providers
  + General conversations with patients
  + Overall count information of conversations.
* Star rating out of 5 of shift safety
* Number of conversation on specific topics:
  + Mental health
  + Substance use
  + Suicide prevention/planning
  + Health and medication education
  1. **Volunteer information:**
  + Number of volunteers
  + Active volunteers
  + Inactive
  + Demographics

File name: Sunny Street TANDM.xls

Link:

1. **TANDM:**

The collection here is the topics covered in an individual conversation at a clinic.  It also records the time on each topic.  [TANDM](https://www.cogniom.com/time-and-motion-2/) is Time and Motion study software. Data is limited as it requires Sunny Street to recruit a data collection team to achieve a required sample size to find statistical significance. This information is important as it directs our education and orientation requirements.

Tandm data is collected by someone sitting in on a consult and literally timing what the topic of conversation is. So a nurse, patient and data collector are sitting in a room, the patient starts talking about social history, so the researcher starts timing how long that conversation topic is discussed. The patient might then move onto talking about a wound, and the nurse might start physically treating the patient. The data collector would then stop the clock on social history, and click start timer for wound care.

* GP/Nurse/Support Conversation
* Medical History
* Physical Exam
* Health Literacy / Education
* Treatment Plan
* Preventative Health Plan
* Social History
* Follow up
* Mental Health
* Social Interactions
* Initial Engagement

**The questions we are asking are:**

* What does this give us and is it going be helpful if we collect more of it.
* What does a Sunny Street conversation entail? (considering that the service model is ‘conversation based healthcare’)
* How do we prepare SS volunteers to have these conversations, through our education platform and orientation?
* Which referral pathways do we need to strengthen as a service?
* How do we best support our patients through conversation?
* What’s the topic of conversation we spend most of our time discussing?