Step 1 Find dataset

- Create a list of metrics for each dataset
- Look at the metrics

Lower Tier Local Authority (LTLA)

```
##  [1] "New people receiving 2nd dose"
##  [2] "New people vaccinated with a booster dose by publish date"
##  [3] "New people vaccinated complete by publish date"
##  [4] "New people fully vaccinated by vaccination date"
##  [5] "New people vaccinated 1st dose by publish date"
##  [6] "New people vaccinated with a first dose by vaccination date"
##  [7] "New people vaccinated 2nd dose by publish date"
##  [8] "New people vaccinated with a second dose by vaccination date"
##  [9] "New people vaccinated with a third dose by publish date"
## [10] "New people vaccinated with a booster dose plus new people vaccinated with a third dose by publish date"
## [11] "New people vaccinated with a booster or third dose by vaccination date"
## [12] "New vaccines given by publish date"
```

Nation

```
##  [1] "New people receiving 1st dose"
##  [2] "New people receiving 2nd dose"
##  [3] "New people vaccinated with a booster dose by publish date"
##  [4] "New people vaccinated complete by publish date"
##  [5] "New people fully vaccinated by vaccination date"
##  [6] "New people vaccinated 1st dose by publish date"
##  [7] "New people vaccinated with a first dose by vaccination date"
##  [8] "New people vaccinated 2nd dose by publish date"
##  [9] "New people vaccinated with a second dose by vaccination date"
## [10] "New people vaccinated with a third dose by publish date"
## [11] "New people vaccinated with a booster dose plus new people vaccinated with a third dose by publish date"
## [12] "New people vaccinated with a booster or third dose by vaccination date"
## [13] "New vaccines given by publish date"
```

So, as we can see, **some metrics are common**. I suggest finding out which metrics are the same for all datasets.

	ltla	msoa	nation	nhsRegion	nhsTrust	overview	region	utla
New people receiving 2nd dose	1	0	1	0	0	0	1	0
New people vaccinated with a booster dose by publish date	1	0	1	0	0	0	1	0
New people vaccinated complete by publish date	1	0	1	0	0	0	1	0
New people fully vaccinated by vaccination date	1	0	1	0	0	0	1	0
New people vaccinated 1st dose by publish date	1	0	1	0	0	0	1	0
New people vaccinated with a first dose by vaccination date	1	0	1	0	0	0	1	0
New people vaccinated 2nd dose by publish date	1	0	1	0	0	0	1	0
New people vaccinated with a second dose by vaccination date	1	0	1	0	0	0	1	0
New people vaccinated with a third dose by publish date	1	0	1	0	0	0	1	0
New people vaccinated with a booster dose plus new people vaccinated with a third dose by publish date	1	0	1	0	0	0	1	0
New people vaccinated with a booster or third dose by vaccination date	1	0	1	0	0	0	1	0
New vaccines given by publish date	1	0	1	0	0	0	1	0
New people receiving 1st dose	0	0	1	0	0	0	1	0

- Add new metrics in a common list
- Build zero-matrix, which dimension is the count of metrics x the count of area types
- Show links

Look at the result

First of all, I am interested in data about the **first jab**. **So, I need to look at the datasets:**

- Build zero-matrix, which dimension is the count of metrics x the count of area types

```
## [1] "Lower Tier Local Authority (LTLA)"
## [1] "Nation"
## [1] "Region"
```