Details of datasets in this folder are as follows::

1. Modules data: Module wise number of lessons per unique **user** is calculated. Mean, median, SD and mode are also calculated. These are done for all states together, mz, ct, tg and rj. Version 1 (V1) refers to the same numbers but when users with zero number of lessons are removed from calculations.
2. Tools data: Tool wise time spent in minutes per unique **user** is calculated. It is done for all states together, mz, ct, tg and rj.

Data Sources ::

raw - syncthing data from 2018 July to 2018 Dec

processed - modules data from [this](https://drive.google.com/drive/u/0/folders/1gM08yYhCtGifJIY5WRjsmABMT6aGKDtp) directory and tools data from [this](https://drive.google.com/drive/u/0/folders/1VraMpOHVmLdMT7k3nf4EK_a0zY1u6uQI) directory

Methodology or steps involved :

1. Modules data:

For each module, do the following -

1. Find max lessons\_visited for each user and unit\_name combination
2. Remove those logs which correspond to zero lessons\_visited
3. Now sum up these max lessons\_visited for each user to get all lessons visited by a user in a given module
4. Get the total unique number of users for this module
5. Sum up all the lessons\_visited by these users
6. Divide ‘e’ by ‘d’ to get average lessons\_visited per user
7. Find median, sd and mode for lessons\_visited in this module
8. Find the unique number of schools for this module

2. Tools data:

For each tool, do the following -

a. Sum up time spent (in minutes) for each user for this tool

b. Find the total number of unique user

c. Divide ‘a’ by ‘b’ to get average time spent by each user on this tool

Variables in Data:

Modules:

module\_name - different modules

users - number of unique users

lessons\_per\_user - average per unique user

lessons\_sd - standard deviation

lessons\_mode - Mode

num\_schools - number of schools considered to generate these numbers

Tools:

Tool\_name - different tools

Users - number of unique users

Timespent\_per\_user - average time spent per user