Questions:

* Should functions be imported in a separate document or defined in the scripts they are used in?
* Do downloaded data files need to be saved as .csv?
* Should scripts that aim to return a variable be better as functions?
* How to define folders, e.g., ‘./data/’ – define this once in master script or check in every individual script?
* Above affects whether each script should run in isolation

Aiming for folder structure:

./data – to contain all data. Files required for processing to be kept here

./data-source – to contain files used to generate data files required for processing

**Style guides**

<https://google.github.io/styleguide/Rguide.html>

<https://style.tidyverse.org/>

<https://style.tidyverse.org/files.html>

|  |  |
| --- | --- |
| **New file** | **Previous file** |
| 00.0\_source\_prescribing\_data.Rmd | OP\_setup.Rmd |
| 00.1\_get\_OP\_codes.R | get\_OP\_inhaler\_codes\_all\_measures.R |
| 00.2\_get\_NHSBSA\_codes.R | get\_OP\_inhaler\_codes\_all\_measures.R |
| 00.3\_get\_BNF\_info\_from\_OP.R | get\_OP\_inhaler\_codes\_all\_measures.R |
| OP\_codes.csv | environmental\_inhalers.csv |
| OP\_codes.csv | icsdose.csv |
| OP\_codes.csv | saba.csv |
| BNF\_codes\_measures | OP\_codes\_all\_measures |
| OP\_prescriptions | OP\_prescriptions\_all\_measures |
| 00.4\_get\_OP\_prescriptions.R | get\_OP\_prescriptions\_all\_measures.R |
| 01.0\_source\_practice\_and\_demographic\_data.Rmd | CCG\_all.Rmd |
| 01.1\_get\_ONS\_CCG\_shapes.R | CCG\_all.Rmd |
| 01.2\_get\_NHS\_CCG\_patient\_numbers.R | CCG\_all.Rmd |
| 01.3\_get\_QOF\_data.R | QOF\_2.R |
| 01.4\_get\_LSOA\_patient\_data.R | Make\_OP\_patients.Rmd |
| 02.0\_export\_measures.Rmd |  |
|  |  |
|  |  |

\*D:\LIDA\_ from RB\Inhalers\_COVID\_deprivation - CODE BY CODE\WORKNG\export\_measures - TEST\Rcode

**00.3\_get\_BNF\_info\_from\_OP.R**

Convert to use same log/comment system as 00.4\_get\_OP\_prescriptions.R

**00.4\_get\_OP\_prescriptions.R**

Should it print output to console as well as to log file? Maybe log is enough.

**CCG\_all.Rmd**

Only need the list of CCG ids and names but CCG\_all.Rmd downloads shape files etc too.

CHECK CHUNK NEAR THE BOTTOM – NHS BIT FOR CODE DOWNLOADS NO SHAPE

**Next step is to run Paper\_1\_export\_measures.Rmd.**

**Requires:**

CCG\_all.Rmd

Make\_OP\_patients.Rmd

qof\_reviews\_only.xlsx

* QOF\_2.R
* QOF\_check.R
* QOF\_lsoa.R

IMD – eatyourpeas

<https://github.com/eatyourpeas/imd>