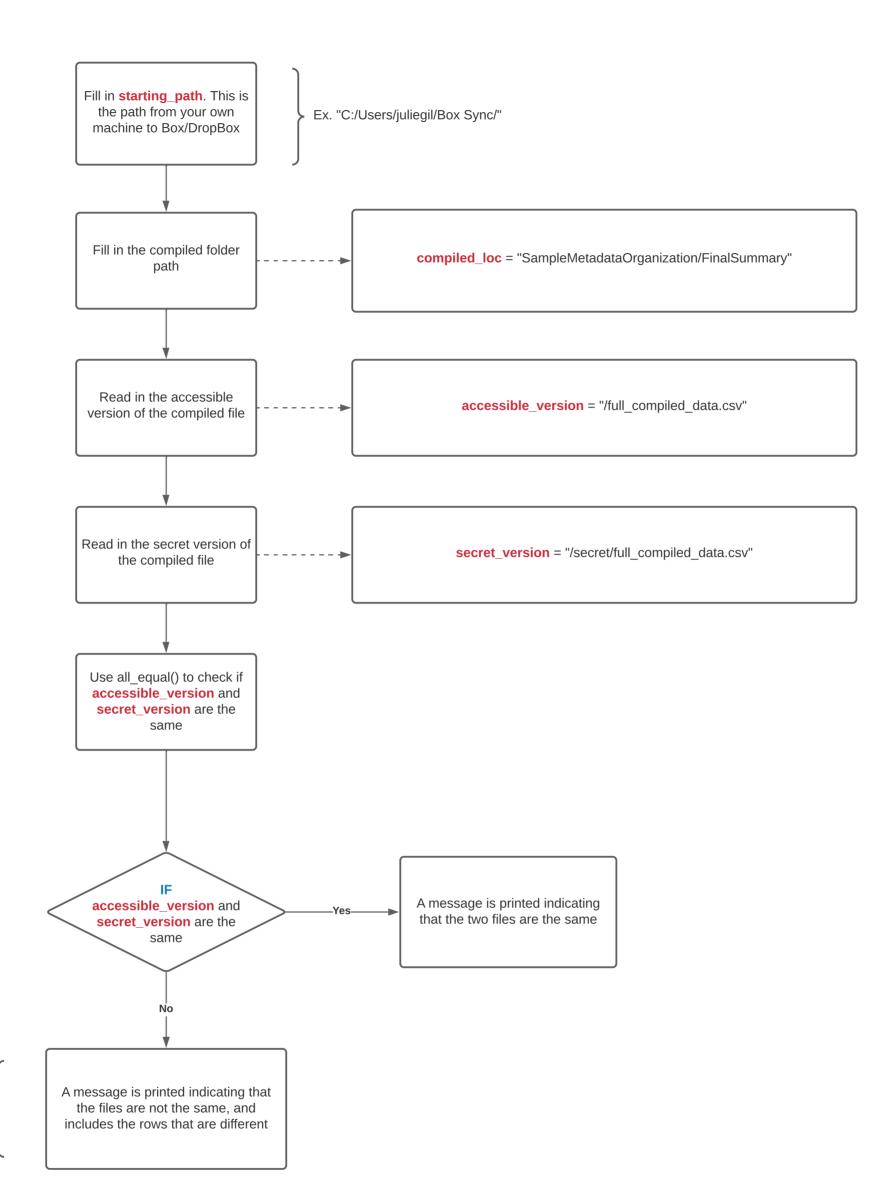**COVID-19 Specimen Data
Processing:
checking_compiled_files.R**

Libraries Needed:
library(tidyverse)
library(lubridate)

Overview: This code file pulls in the two files
written out by compile_components_code.R. It
then compares them to ensure that they are the
same. This code should be run periodically, to
ensure that the files are not being edited or
accidentally re-sorted.

Fill in **starting_path**. This is
the path from your own
machine to Box/DropBox

Ex. "C:/Users/juliegil/Box Sync/"

Fill in the compiled folder
path

compiled_loc = "SampleMetadataOrganization/FinalSummary"

Read in the accessible
version of the compiled file

accessible_version = "/full_compiled_data.csv"

This is the version of the file that we
allow people to pull data from for
various projects and programs

Read in the secret version of
the compiled file

secret_version = "/secret/full_compiled_data.csv"

Use all_equal() to check if
accessible_version and
secret_version are the
same

IF
accessible_version and
secret_version are the
same

Yes

A message is printed indicating
that the two files are the same

No

In this case, first checks should be if the
data is re-sorted, if they match then. A
manual inspection of the two files may
be necessary to identify what was
changed. Otherwise, it may be prudent
to recreate the compiled file.

A message is printed indicating that
the files are not the same, and
includes the rows that are different