



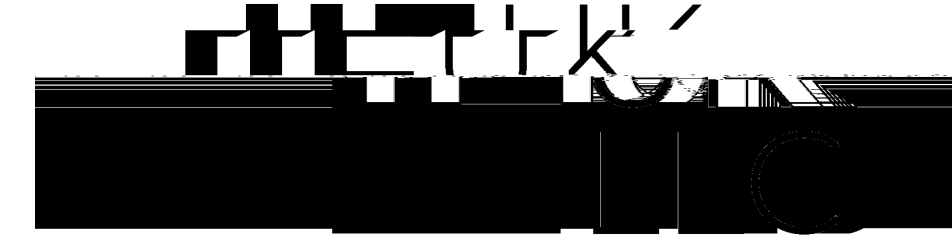
CLOSER-UK LLC webinar: Data access in the Secure eResearch Environment (SeRP)

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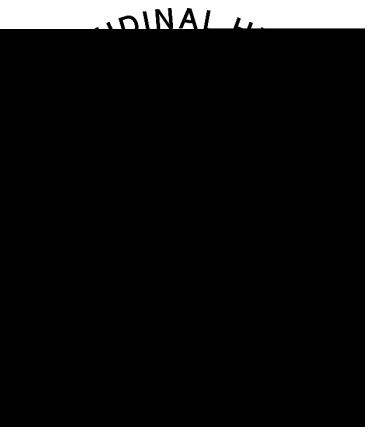
Overview

- Available data
- Upcoming data
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Available data – studies cohort



Available data – NHS D COVID



Covid-specific NHS datasets

- GP Data - GDPPR Data for Pandemic Planning and Research (COVID-19)
- Vaccinations:
 - CVS Covid Vaccination Status
 - CVAR Covid Vaccine Adverse Reactions
- COVID-19 testing data (Pillar 1-3)
 - SGSS Second Generation Surveillance System (pillars 1 & 2)
 - NPEX National Pathology Exchange (pillar 2)
 - IELISA Non-hospital antibody testing finger prick test (pillar 3)
- CHES COVID-19 Hospitalisation in England Surveillance System
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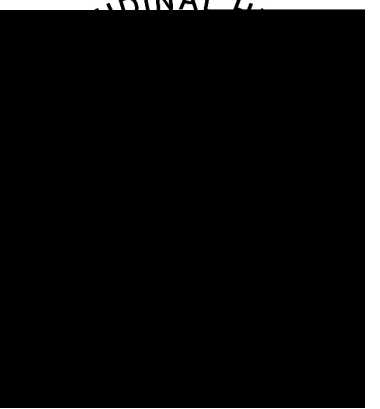
Upcoming data – built environment

SeRP UK

What is the SeRP

- SeRP Secure eResearch Platform Trusted Research Environment (TRE)
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Getting started in the SeRP

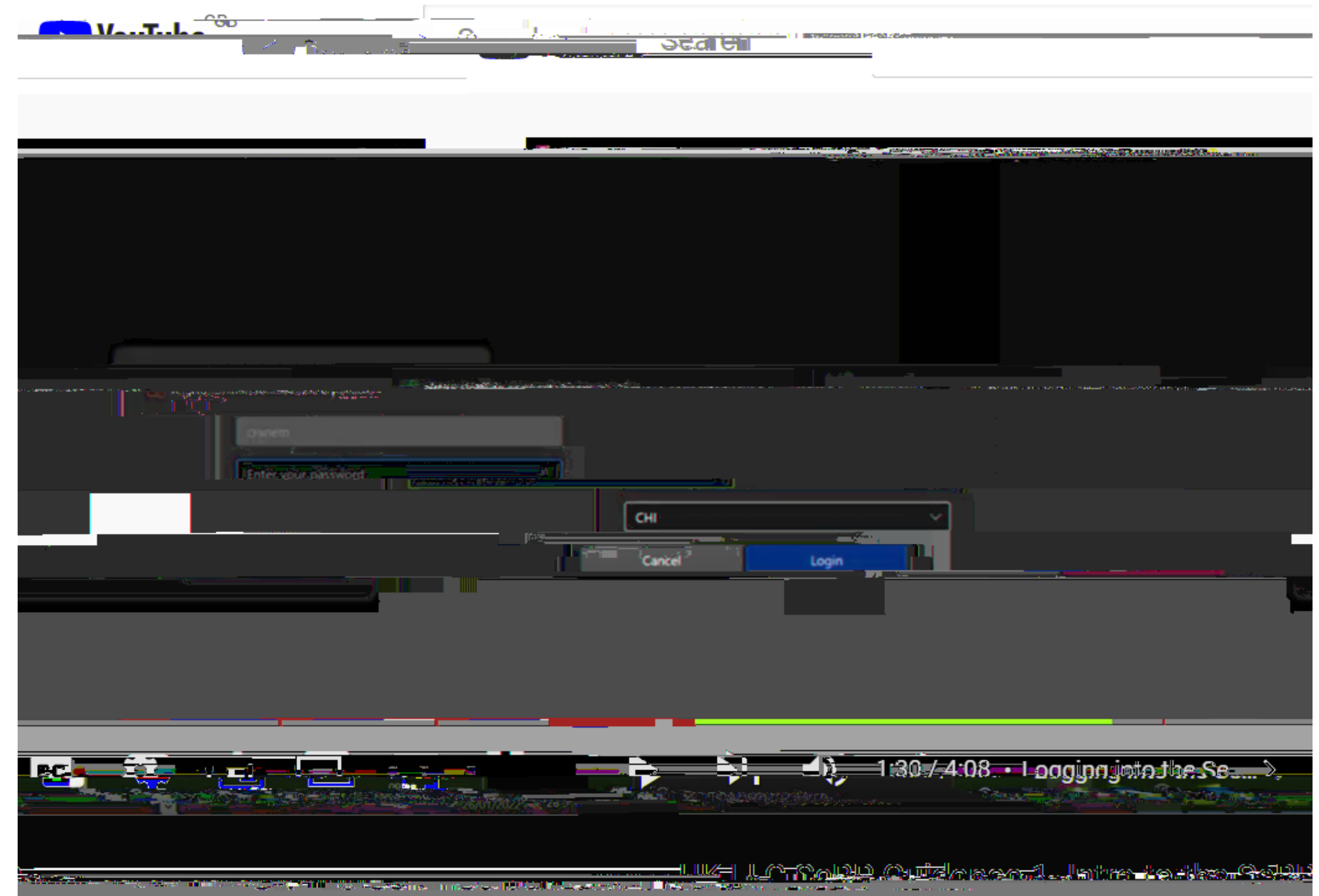


Documentation

- S:\ReadAll folder accessible to all
- Contains TRE user guide
- Video walk through guiding through first time login

Syntax

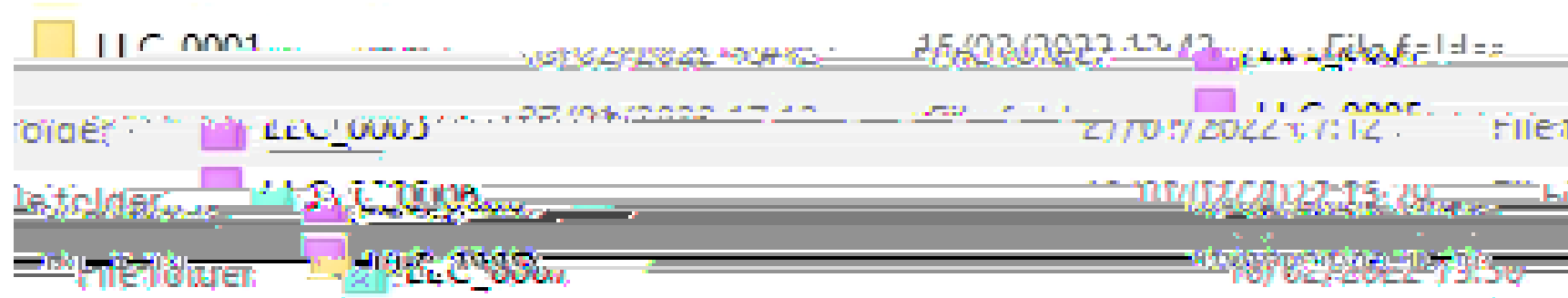
- Contains script to setup python environment
- Helper scripts for python, R and Stata:
 - Connects user to database
 - Pulls data views
 - Adds variable and value labelling
- Jupyter notebook with python/pandas available
- R helper not available
- Stata helper currently under development



Your project area



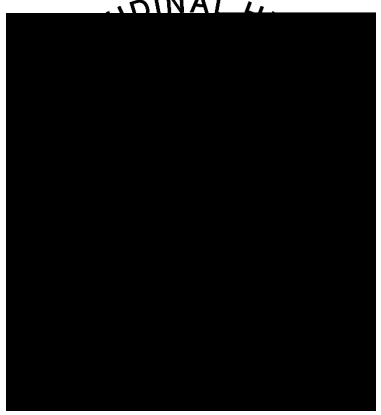
- Each research project will have folder in shared drive with r permissions:



- All working should be kept in this area
- Folder will come with pre-defined folder structure
- Create sub-folders at will

Navigating data in the SeRP

- Data stored in SQL database with project-specifics views (based on request):



Jupyter notebook example

- Jupyter notebook recommended as a working
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Medical codelists

- Data minimised to medical code lists for some NHS D datasets e.g. HES
- Standardised codelists available e.g. <https://caliberresearch.org/portal/codelists>



- Or custom (user defined)
- Currently working on a new model for codelist definitions allows data exploration before definition

File ins/outs

Inputs and outputs to the SeRP are controlled

Files in

- Documentation and s nta
- No data

Files out

- Anon mous aggregated outputs onl ,e amples:
 - Tables of results
 - Graphs
 - Statistical model outputs
- Rules of allo able outputs follo ONS Safe Researcher principles and a checklist ill be available
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