



## Safe Data Access Professionals

### SDAP Topic Event Tuesday 19<sup>th</sup> September 2023 – Key References

**Item 2** - SDAP Focus Session: Python and R package management – information shared during discussions on running R/Python within TRE's:

**Paper:** Design choices for productive, secure, data-intensive re-search at scale in the cloud - <https://arxiv.org/pdf/1908.08737.pdf>

**Links:**

- i) **HIC TRE github** - <https://github.com/hic-infra/hic-tre-packer-images/blob/4a89ceaaee8d1a79551f48d572c8a10634b448b4/modules/vscode.ps1#L23-L34>
- ii) **HIC TRE code for building base windows/linux images** - <https://github.com/hic-infra/hic-tre-packer-images>

**Alan Turing Institute 'allow' lists:**

- i) **PyPI** - [https://github.com/alan-turing-institute/data-safe-haven/blob/develop/environment\\_configs/package\\_lists/allowlist-full-python-pypi-tier3.list](https://github.com/alan-turing-institute/data-safe-haven/blob/develop/environment_configs/package_lists/allowlist-full-python-pypi-tier3.list)
- ii) **CRAN** - [https://github.com/alan-turing-institute/data-safe-haven/blob/develop/environment\\_configs/package\\_lists/allowlist-full-r-cran-tier3.list](https://github.com/alan-turing-institute/data-safe-haven/blob/develop/environment_configs/package_lists/allowlist-full-r-cran-tier3.list)
- iii) **Nexus allow list** - <https://github.com/alan-turing-institute/nexus-allowlist>

**Item 3** - Service Updates - output checking of MI/AI models

**Links:**

- i) **GitHub space related to semi-automated output checking** - <https://github.com/ai-sdc>
- ii) **Discussions on the Berkeley AI Blog about release of MI/AI models** - <https://bair.berkeley.edu/blog/2019/08/13/memorization/>
- iii) **DARE UK Exemplar projects on AI in TRE's** - <https://dareuk.org.uk/sprint-exemplar-project-graimatter/> <https://dareuk.org.uk/driver-project-sacro/>
- iv) **Example of output rules for SDE users** - [Output your results - NHS Digital](#)

**Other** - links shared:

- i) **Information from ONS about the tools that will be available to researchers within IDS** - <https://www.ons.gov.uk/aboutus/whatwedo/statistics/requestingstatistics/secureresearchservice/integrateddataservice/toolingintheintegrateddataservice>
- ii) **UK-TRE website** - <https://www.uktre.org/en/latest/>