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| Project Name: | GenAssoc |
| Project Lead: | Cheikh Loucoubar |
| Work Package name: | Tools and Workflows |
| Number of days for proposed session: | 2pm - 3pm |
| Dates of proposed session: | 27th August (Thursday) |
| Zoom url to connect to: (Sumir will compete when submitted) | https://zoom.us/j/303635559 |

**GenAssoc AGM 2020 session description:**

The session will entail:

* Hackathon on mTDT tool
  + Context
  + mTDT use cases review
  + Hands on session
  + Outputs discussion

- Software requirements: Plink (<http://www.cog-genomics.org/plink2/>), R (<https://cran.r-project.org/>), Python3 (<https://www.python.org/downloads/release/python-385/> )

- Skills: Familiarity with command line

Location for project resources (if applicable e.g handbooks, forms):

* Github url: <https://github.com/avalanche-org/Gen_Assoc_Hackathon> for installing the tool and its dependencies on different environments (Linux, Mac, Windows OS)

**GenAssoc AGM 2020 session outcomes:**

The following outcomes are envisioned from the AGM 2020 session:

• A better understanding of data design, conditions for which the mTDT methods can be used

• A better understanding of mTDT tool (how to prepare input files, how to run the program,etc.)

• How to read outputs files from the tool and interpret the results