DQ tutorial hands-on

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Analysis environments

(1) /cvmfs/alice.cern.ch/bin/alienv enter VO_ALICE@O2Physics::daily-20241008-0200-1

(2) alien.py (conenct to CCDB)

All materials can be loaded from here:
https://cernbox.cern.ch/s/ydqrTuNpv7ndkKG [passwd:jpsi2ee2024]

How to run the central skimmed data locally

Two options:

cd O2-tutorial-DQPWG-midy-2410/analysis-data-CentralSkimmed
alien.py
exit

Option 1:

./run_TableMaker.sh

./run_TableReader.sh

Option 2:
./run_TableMakerReader.sh

How to run the PWGDQ reduced data locally

PWGDQ reduced data produced by the table maker and pp filters

cd O2-tutorial-DQPWG-midy-2410/analysis-data-PWGDQReduced
alien.py
exit

./runTableReader.sh

How to run the PWGDQ MC locally

To run the MC, just type:

./runMC.sh

The results will be stored in AnalysisResults.root

How to run the analysis in the Hyperloop

Thanks