

- KX time series database as possible solution to 250k res/s - tested in finances
- Machine learning as a part of Time Series database solution
- CMS Physics workload in the DB - for the HL-LHC number of events faster storage access will be needed
- Cloud
  - possibility to access lots of small events in near real time that would be an interesting use case, maybe
  - Event by event access running in the cloud would be something nice to have in the future –
    - flexibility for peak times
    - Different with current model (big processing centrally, final using laptops),
- GPU cluster for training machine learning for event selection - only used from time to time
  - then cloud resources could be used only for data analysis.
- Intel python distribution could be used to talk directly with the GPU.
- NVMe as possible In-memory or analytics solutions (internal proposal)