**Please follow the below guidelines for establishing the AI Infrastructure.**

1. Use the cheapest method to create the AI infrastructure. Purchasing High end GPU(s) will not be accepted without any reasons.
2. If no other methods other than High End GPU(S), try to reduce the numb sums of the purchased GPU(s). That means an AI Grade Computers will serve not only one project but several. Try using cloud technologies in replace. Renting a machine from the cloud should be cheaper and more effective than create a new one.
3. As suggested use high speed and high storage RAM(s). This should greatly reduce the training time and also increase the performance.
4. From the programming perspective don’t use double datatype for treating decimal, use Float datatype instead. Storing **double** datatype   is twice the storage size compared to Float datatype.
5. Try to investigate other technologies for fast access storage RAM(s).
6. Try to monitor and keep monitoring the budget given. If a project no matter in terms of programming or building the infrastructure which is over budget, if it is not too critical — terminate the project, or build a simplify version. But the main point is checking the budget given.
7. When starting a new project, please first check if there is any viable cheap method such as High RAM Server(s), Cloud technologies not limited to Azure, AWS, Oracle or other Cloud providers will also be accepted. Then check at the programming level is there any way to tweet the code as said before float replace by double datatype. For LLM what datatype can be used for storing characters and strings like Unicode or just ACII character. The main point is reducing the storing size for each variable.

This is the guidelines and should follow.