Here we introduce the RADICAL Pilot (RP) [ref]. RP is a Pilot system based on the building approach systems that are written in Python and mainly dedicated to executing applications composed of many computational tasks on high-performance computing (HPC) resources. We use RP to run our CNN model on the HPC system using ssh communications channels via virtual machine (VM). The RP is responsible for scheduling and submitting the CNN scripts as a bad of tasks to one of the compute nodes on one of the remote resources. This can be done by specifying previously the required resources by the user in the RP script. Our CNN runs on CPU and uses a single core per image. The RP scripts submit 1 image per task (unit) to the remote resource, wait for that image to be processed, finished, and return the results to the VM. Our CNN model is normally prepaid to run on the remote resource by preparing the needed python environment previously when RP submits the script to the remote resource the CNN model get triggered and start the processing the received image. Depends on the size of the image (KB) and the number of images, this process can take from few seconds up to a minute. Figure number (XX) Jamal from here please complete.