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<u>*Lab 03:*</u>

　　From work in the past, I was able to reutilize the Jupyter notebook/lab instances that I had been running from my local enterprise-level server. Spinning these up and updating dependencies was quite simple, all it took to accomplish the latter was utilization of IPython magic commands in a cell calling `!pip`. Of note, the only true "challenge" to this was determining newlines (as Canvas' monospace block doesn't preserve newline characters apparently), which was admittedly also a trivial matter. Running these blocks, despite the lack of meaningful data, was insightful in visually representing the primary concerns of computation. From the results, I conclude that while load put upon the processor from the application/model itself is taking place, there are constantly background applications also contributing to overall utilization. Additionally, from time to time the CPU utilization will rampantly spike (again, likely from background processes) whereas the memory increase has been at a relatively linear pace with an aberration here or there. With visualization as easy as it is, building information dashboards and "white-box" AI models should grow exceptionally easier.