

## Using ChatGPT to Validate and Modify Code for Inexperienced Linux Users

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For inexperienced users coding can be a challenge and getting much needed assistance isn't always readily available. One challenge can be taking a cli script in vi that was used to collect device status information and exporting it to CSV format. You've obtained data from GitHub or even the codeshare portals that various device vendors have available for collaboration. So now all is well, right? But now you need to modify certain parameters of that code/script to add another output column, or associate IP addresses, ports, and names with enabled and disabled states of particular servers or services. And hey you might as well toss in rulesets too? For many experienced or seasoned persons working within a Linux based environment this is probably easy. But for the new person it may be quite a challenge to go about this.

This is where tools such as ChatGPT come in handy and can take the code/script that you currently have and provide suggestions on what to modify or fix to obtain the desired output that you're looking for. It will even explain what each line in the code does as well which helps foster learning. During this presentation we will explore how tools such as ChatGPT can be used to aid and improve efficiency in cases such as the one described.