**DAILY ASSESSMENT FORMAT**

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| **Date:** | **19-June-2020** | **Name:** | **Bhuvanesh M** |
| **Course:** | **Introduction to Cyber Security** | **USN:** | **4AL16EC015** |
| **Topic:** | **Career and industry landscape** | **Semester & Section:** | **8th sem & ‘A’ section** |
| **Github Repository:** | **Bhuvan** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report –**  In my first session today I have studied about - Career and industry landscape Kind of Scope with Cyber Security does have in India? India has turned into a hotbed for Cyber Security experts. According to a recent study by Indeed.com, the scope of Cyber Security has turned more competitive in India. There are more job post clicks in India as compared to the US and UK. As per the industry stats, most hiring is happening for the below roles.   * Network Security Engineer * Cyber Security Analyst * Security Architect * Cyber Security Manager * Chief Information Security Officer   Over the last a couple of years, the average [salary of a Cyber Security professional](https://www.digitalvidya.com/blog/cyber-security-salary/) has been performing 9% better than any other IT professionals. The freshers are able to get good packages starting from 7 lacs and the experienced resources are in more demand drawing salaries in the range of 20-24 lacs.  Thus the scope of Cyber Security in India is better than ever. Here is a video that explains why the need is the most now:  Every geography has a different kind of skillset requirement. In India, most of the Cyber Security job post is looking for resources proficient in:   * Python * Virtualization Network Services and Security * Linux * Cryptography, * Android * IoT * Windows Server   Scope of Cyber Security in India  Scope of Cyber Security in India Source – Quora Explaining the Top 5 Cyber Security Job Profiles in India It is evident that there is a shortage of Cyber Security professionals in the market but the scope of Cyber Security jobs in India is growing. Eventually, we expect more millennials understand that the industry is witnessing explosive growth. Here are the profiles that are in much demand in India: 1. Network Security Engineer This happens to be a very critical role and almost every company of any scale has a network security engineer or specialist. His job is to implement the ideal security system in the network as per the requirement. He ensures that:  1) The security systems are maintained  2) Vulnerabilities are identified in time  3) Automation is improved without sacrificing the security  4) The firewalls, switches, and routers are maintained to prevent security breaches. Salary The scope of Cyber Security jobs in India of this profile is pretty high. The average salary of a network security engineer is in the range of 6 lac and go maximum up to 8 lacs. 2. Cyber Security Analyst As the name suggests he a network analyst who ensures all the security parameters of a network are intact at any given point in time. He analyses the security requirements of a new network or a network that requires an upgrade. And then he plans, implements and upgrades the security aspects.  He and his team are required to continuously monitor the network access, perform edits and identify the system vulnerabilities. He analyses the risk, does security assessments and effectively manages the network. Additionally, he conducts security awareness training and ensures the best security practices are followed always. |