The National Institute of Standard and technology's framework for cybersecurity is to better and strengthen the activities of public or private organizations.

The five functions for this activity are;

- **Identifying** the organization's system and understanding the data, identifying the organization's weakness and strength, then identifying what will be a perfect fit for the organization.
- **Protecting** the system infrastructure in case of risk for the organization. Covering technology to ensure security.
- **Detect** if all the functions applied are safe.
- **Respond** by running all the activities and make sure all detected functions are safe.
- **Recover** by Identifying all activities and appropriate and maintain to restore function. The use of this framework is to help prevent cyber-attacks and uncertainties. NIST framework works for the public and private sectors. i.e., helps strengthen security systems of companies and organizations by supporting risk management.