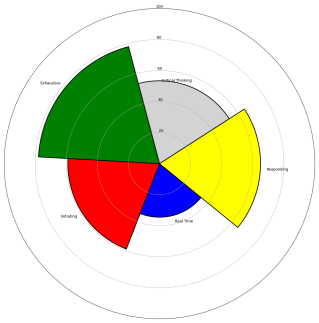
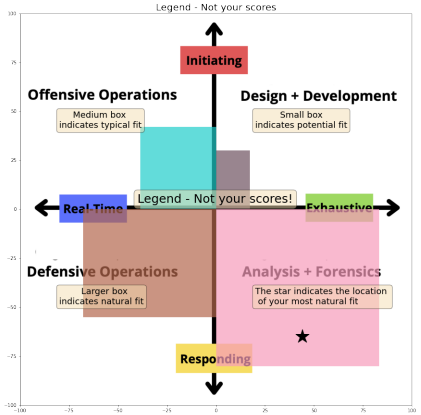
Each task relates to a different cognitive construct. The five constructs we tested were:

- Exhaustive
  - Deliberate carefully and weigh up many options
- Critical Thinking
  - Infer and learn rules or logic from a system
- Initiating
  - Make connections to generate novel solutions
- Real Time
  - Capture information and react quickly
- Responding
  - Internalize and reproduce learned patterns and information



We also can extract data across four main cyber quadrants. These are:

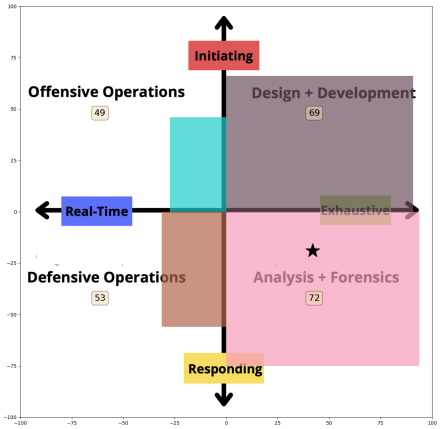
- Offensive Operations
  - Examples: cyber warfare, penetration testing, ethical hacking
- Defensive Operations
  - Examples: network security, incident handling, security operations center
- Design and Development
  - Examples: enterprise security management, application security
- Analysis and Forensics
  - Examples: forensics, threat intelligence, cyber audit and compliance



You scored well in responding and initiating, which means you have the flexibility to work in both the top and bottom halves of our job quadrants.

You scored better on exhaustive than real-time, so a more natural fit for you would most likely be on the right half of our job quadrants.

Critical thinking spans all job roles, and will be vital regardless of which area you pursue.



Task	Percentile	Construct	Measures	Insights	Relation to Cyber
Dynamic Systems Control	2	Critical Thinking	Complex problem solving	You work best in situations where the relations between variables are known.	You can troubleshoot systems with well understood inputs, outputs, and states.
Matrix Reasoning	74	Critical Thinking	Rule induction	You can think abstractly about problems. You learn quickly and can foresee novel solutions to problems.	You can learn new rules that govern systems. For individuals with no programming experience, this is the largest indicator of likely success in learning a programing language.
Remember and Count	96	Critical Thinking	Visuospatial working memory	You're able to focus in the midst of distractions. You did well in school and generally have strong reading skills. You might also have a future as a plate spinner!	Your strong working memory gives you an ability to juggle a large numer of factors in your head at once. This could take the form of juggling multiple 16-digit hex addresses, debugging symbols, or forensic artifacts.
Need for Cognitive Closure	66	Exhaustive	The need to arrive at a solution during problem solving.	You can be stubborn and like to stick to your guns. Your best work environment is one with clear boundaries and guidelines.	These individuals will persist through hardship to find solutions. Whether cracking passwords or pulling away all of the layers in onion routing to find the adversary, you are inclined to keep pushing.
Number Picker	90	Exhaustive	Tolerance for risk	You're open to risk and love the thrill and excitement that come along with it. Maybe you are interested in the stock market, playing cards, or gambling.	Your ability to make risk-based decisions helps juggle many competing factors in determining the most successful course of action.
Pattern Vigilance	79	Responding	Vigilance	You are vigilant and can maintain concentration for long periods of time. You don't mind long hours of work that requires focus.	You can monitor information or data for long periods of time while remaining vigilant. This would be required for monitoring large volumes of security alerts, understanding which matter, without being lulled to boredom by those that don't.
Remote Associates	25	Initiating	Creative thinking	You like linear problems that have a clear path. Seeing a goal and the steps needed to achieve that goal help you succeed.	It may take more effort to see relationships between loosely affiliated data points. This might require more time for testing connections between indicators of attack.

(continued)

Task	Percentile	Construct	Measures	Insights	Relation to Cyber
Coding Speed	3	Real-Time	Pattern recognition and scanning	You don't enjoy holding a bunch of values in your head. You might use reference tables or past code to help you build new projects.	There are many tools that can help translate binary data, debugging data, or network trace data into other formats. Employing those tools may speed your response times to unsually encoded data or artifacts.
Recent Probes - 1 item	66	Real-Time	Psychomotor speed	You're cool under pressure and can deal with a hectic environment. You make good decisions under pressure.	Your quick reactions and problem-solving are resilient to distractions. This would allow you to, for example, execute a penetration test, without being impeded by irrelevant system feedback or warnings.
Anomaly Detection Rule Based	41	Responding	Anomaly detection	You don't want to be bogged down in the details. Big picture problems are where you excel.	Spend time studying the tools that assist in the detection of anamolus system behavior.
Statistical Learning	75	Responding	Anomaly detection	You pick up on very small details, even without actively thinking about them. Trust your gut on multiple choice tests!	Your native intuition for system behavior allows you to detect potential variances before automated systems can do the same. This allows you to quickly identify the forensic trail of crumbs to pursue or the right defense maneuver to deploy.
Need for Cognition	77	Critical Thinking	Degree to which one enjoys mentally demanding tasks	You love problem solving challenges. You like to debate and care more about quality of arguments and ideas than gut feel.	Your willingness the persist in the face of daunting challenges will allow you to solve cybersecurity problems that others give up on.
Paper Folding	18	Critical Thinking	Spatial visualization	You work well with problems where the entire task is right in front of you.	To increase this capability, try to learn and master games like Go that require complex, multi-move visualization.
Spatial Integration	93	Initiating	Mental model ability	You can build complex mental models to help you understand the world. You can visualize diagrams, loops, and functions to understand how they work.	You're able to fit the proverbial 'pieces of the puzzle' together, rapidly testing, rejecting, retesting hypotheses. In responding to cyber attacks, this will help you rapidly survey your network and understand the methods the attacker has deployed against you.