

### **Assessment Details** ID: 04 **Tasks Completed:** Gender: Male **Completion Date:** 2023-12-05 10:03 Date of Birth: Comparative Group: 1964-03-09 Males, 55-64 Above Below 113 Average **Performance Summary** Average Average Feature Match 110 Attention **Spatial Span** 121 **Spatial Short-Term Memory Token Search** 103 **Working Memory Paired Associates** 110 **Episodic Memory Odd One Out** 105 **Deductive Reasoning Rotations** 100 **Mental Rotation Polygons** 99 Visuospatial Processing







#### Feature Match

A measure of attention — the ability to focus on relevant details or differences.



**Result is within the AVERAGE range.** Common everyday activities associated with attention include:

- Staying focused on a task when it counts, such as when driving.
- Identifying similarities and differences when comparing two things, such as two similar brands of a household product.
- Noticing small interpersonal details, like a partner's haircut, or subtle facial expressions indicating that somebody is upset or bored.



### **Spatial Span**

Measures spatial short-term memory, involved in tasks where nonverbal information needs to be stored and recalled.



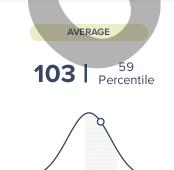
**Result is within the ABOVE AVERAGE range.** Common everyday activities associated with spatial short-term memory include:

- Watching somebody perform a task step-by-step, then doing the same task yourself, such as in sports or gym classes.
- Navigating after getting directions from somebody pointing on a map.
- Implementing a strategy you have in memory, like an opening move in chess.
- Remembering positions of cars on the road while you make a difficult driving maneuver.



### Token Search

Measures working memory — the ability to temporarily hold information in mind and manipulate or update it based on changing circumstances or demands.



**Result is within the AVERAGE range.** Common everyday activities associated with working memory include:

- Systematically searching for a lost item in your home.
- Solving a mystery by remembering a set of clues, then rearranging them in your mind to tell a story and form a theory.
- Finding the most efficient way to complete a to-do list of tasks around your home before leaving in the morning.
- Efficiently navigating shifting priorities at work.





#### **Paired Associates**

A measure of episodic memory — the ability to remember specific events, paired with the context in which they occurred.



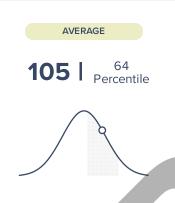
**Result is within the AVERAGE range.** Common everyday activities associated with episodic memory include:

- Remembering which cupboard you put your groceries in.
- Learning what each button does in a new app or device.
- Remembering who you talked to yesterday, and at what time.
- Following safety procedures by pairing a potentially dangerous situation with warning signs or steps needed to stay safe.



#### **Odd One Out**

Measures deductive reasoning — the ability to effectively apply rules to information and arrive at logical conclusions.



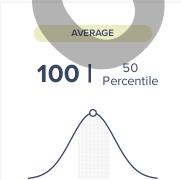
**Result is within the AVERAGE range.** Common everyday activities associated with deductive reasoning include:

- Evaluating a complex argument and deciding if you agree.
- Applying government rules to your finances to properly do your taxes.
- Noticing the details of a story and making inferences beyond what is directly stated—such as a character's emotions, or the story's message.
- Creating effective arguments for a position in a debate or essay.



#### Rotations

Measures the ability to mentally rotate visual representations of objects, required to reason about what objects are, where they are, and where they belong.



**Result is within the AVERAGE range.** Common everyday activities associated with mental rotation include:

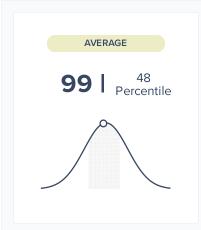
- Navigating using a map, and knowing which direction you are facing.
- Planning a new layout for a room.
- Finding your way around a city using landmarks.
- Creating or assembling—like when building a deck, or putting together furniture based on a diagram.





### **Polygons**

A measure of visuospatial processing — the ability to effectively process and interpret visual information.



**Result is within the AVERAGE range.** Common everyday activities associated with visuospatial processing include:

- Creating art, or drawing diagrams.
- Repairing household items by spotting what is wrong with them and applying the right fix.
- Identifying a mistake in a document at work.
- Doing graphic design work or creating a web site.

