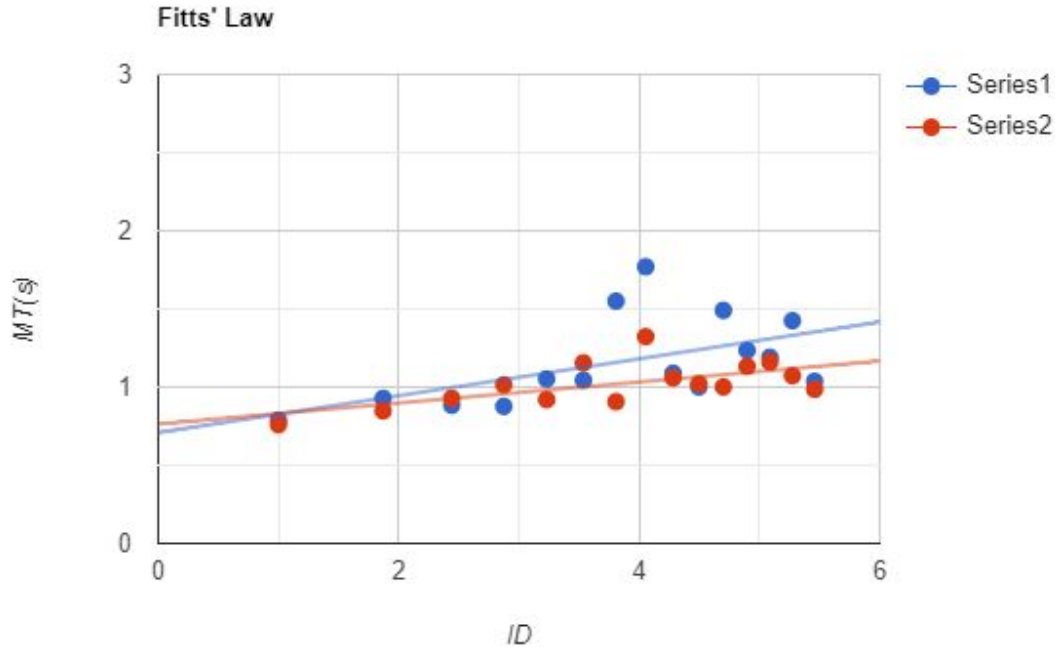


HCI

...

Exercise 2

Fitts' Law Experiment



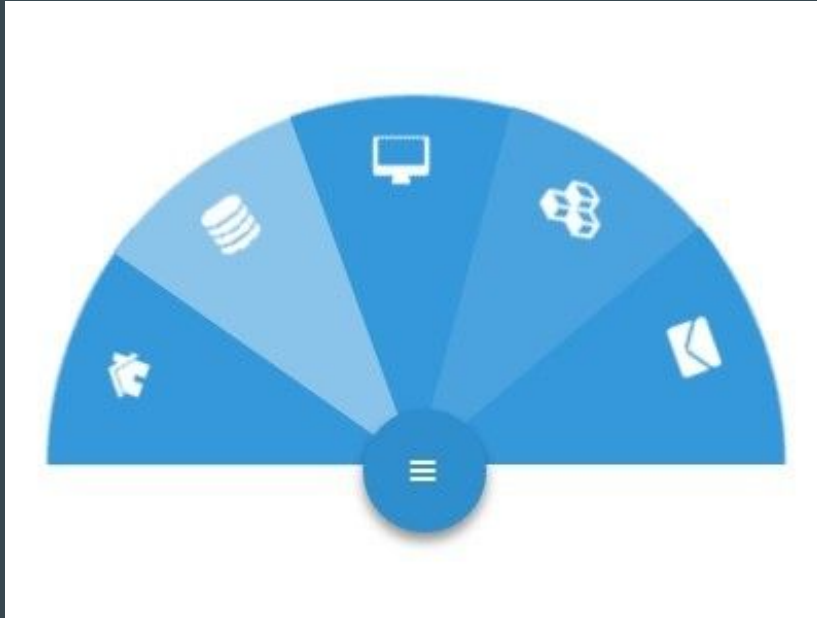
for series 1 :

$$a = 0.709, b = 0.118$$

for series 2 :

$$a = 0.764, b = 0.067$$

Is this menu better or the standard one?



Elaborative Rehearsal



An example of this technique would be to read the definition of a key term, study the definition of that term, and then read a more detailed description of what that term means. After repeating this process a few times, you'll probably notice that recalling the information is much easier.

Inductive Reasoning



Deductive reasoning is a type of logical thinking that starts with a general idea and reaches a specific conclusion.

95% of Oxford graduates went on to get PhD's; Rocky graduated from Oxford, therefore he's going to get a PhD.

Inductive Reasoning



Inductive reasoning is a type of logical thinking that involves forming generalizations based on specific incidents you've experienced, observations you've made, or facts you know to be true or false.

You're looking at flowers in your garden and you know that your roses bloom every year, so you can assume that they'll bloom again this year.

Abductive Reasoning



The type of reasoning in which you move from some observations to the best explanation of those observations.

The doctor hears her patients symptoms, including the regular shortness of breath on cold days and when exercising and *abduces* that the best explanation of these symptoms is that her patient is an asthma sufferer.