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Questions?

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Question 1

You are a level 69 thief in the wonderful land of Sandy Claws, although you prefer to be called a "treasure retriever".

A peculiar customer with a long beard and red clothes approaches you with an interesting job offer: Retrieve 400 presents from the lair of his arch-nemesis, the pumpkin king.

You accept this offer, break into the pumping king's castle and take as much as you can.

"Hohoho", laughs the bearded quest-giver, "let me see what you brought..."

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	Relevant	Non-Relevant	Sum
Retrieved	100	400	500
Not retrieved	300	600	900
Sum	400	1000	1400

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What is the Accuracy of this retrieval?

0.2 ✗	0.5 ✓	0,25 ✗
0.25 ✗	1/5 ✗	1/4 ✗
0,2 ✗	1/14 ✗	0.4 ✗

The correct answer is: 0,5

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	Relevant	Non-Relevant	Sum
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Sum	400	1000	1400

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Leaderboard

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Question 2

"Wow, you are such a great thie... I mean, treasure retriever. How did you get so good?"

"Oh, that is easy to explain. I have a practice routine. Depending on the weather, I either train with the bow and arrow, or I practice my magic skills. Of course, you cannot see my training, so it is a bit like a Hidden Markov Model. Let me show you..."

"I follow this model very closely. Based on that model, let me ask you a question..."

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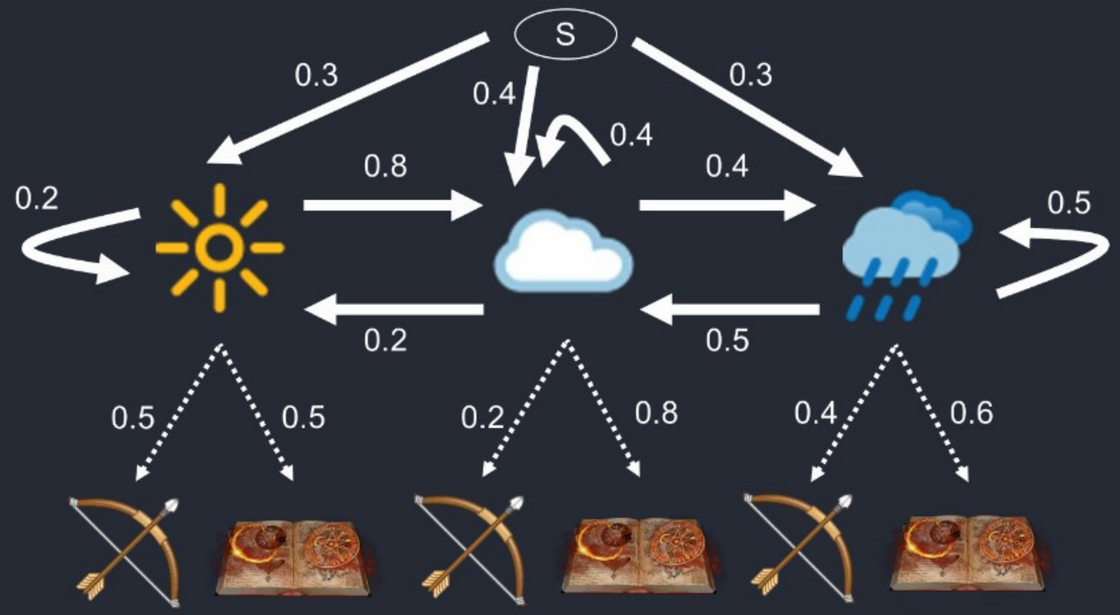

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"I follow this model very closely. Based on that model, let me ask you a question..."

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What is the probability that it is raining AND I train magic on day 1?

0.18 ✓	0,18 ✓	0,2 ✗
0.3*0.6 ✗	0.4 ✗	0.6 ✗
0.2 ✗	0.018 ✗	1.8 ✗

The correct answer is: 0.18

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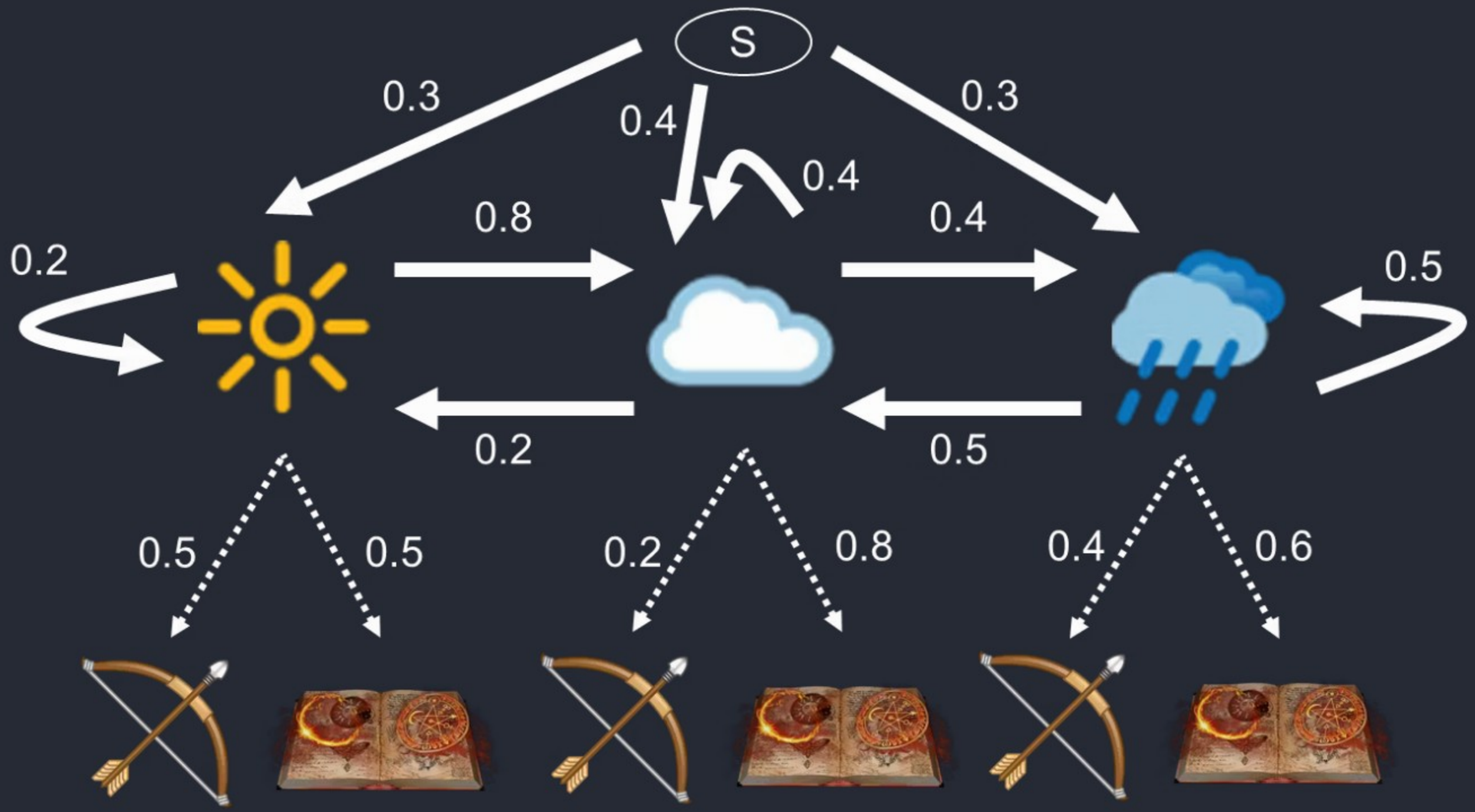

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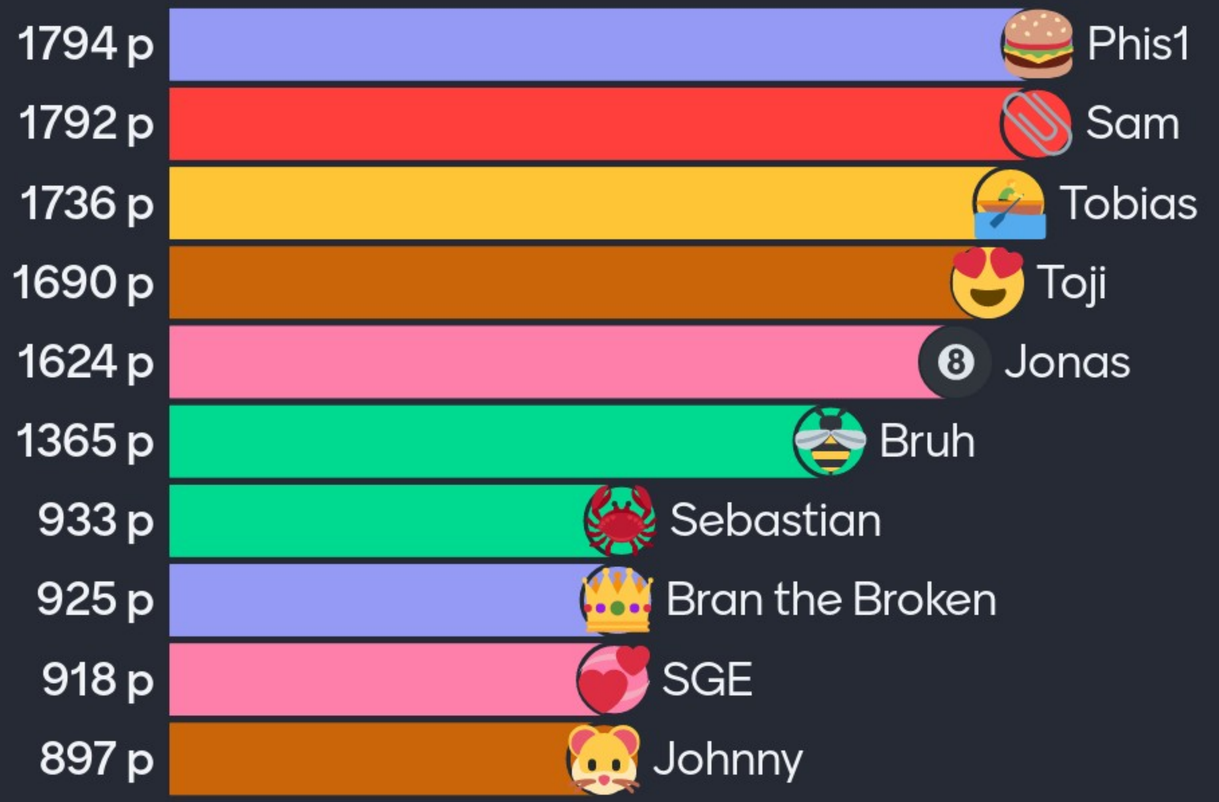

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Question 3

Another day, another task for the great treasure retriever. This time, a client wants you to steal 5 golden rings. (also also 4 mocking birds, 3 french hens, 2 turtle doves, and a partridge in a pear tree - but this is another story)

To be extra sneaky, you steal the rings one at a time, and bring it back to your customer. However, not all of the rings are relevant to the customer, as this graphic shows...

The question is...

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The question is...

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What is the average precision (AP) for this retrieval, given that there are 5 relevant rings?

0.6 ✗	0.5 ✗	3/5 ✗
0.4 ✓	2 ✗	2/5 ✓

The correct answer is: 0.4

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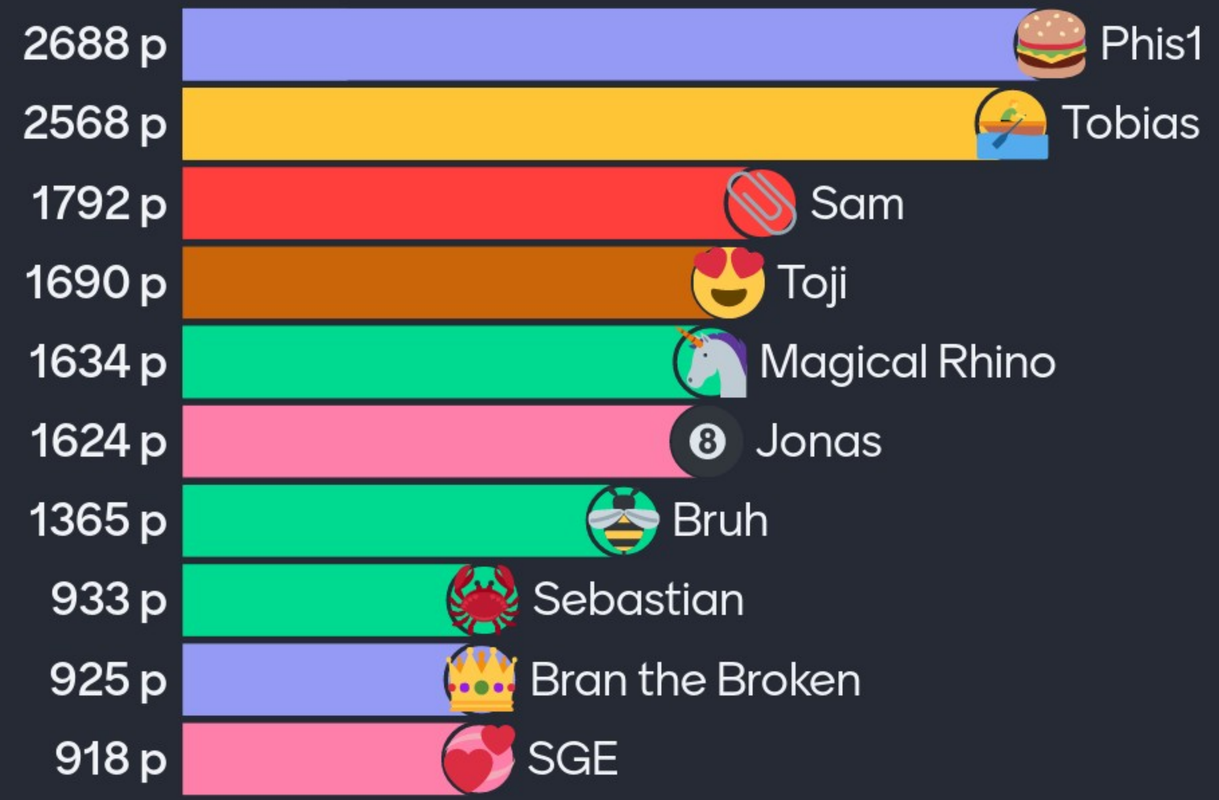

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Any questions?

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