

AI Curse - Unannotated vs Annotated

consent_q **Do you consent?**

- Yes (1)
- No (2)

End of Block: informed_consent

Start of Block: attention_check

attn_1 **This is an attention check. John is taller than Paul. Who is shorter?**

- Paul (1)
 - Neither John nor Paul (2)
 - Both John and Paul (3)
-

attn_2 **What color is grass?**

The fresh, uncut grass, not leaves or hay. Please make sure to select purple, so that we know you're paying attention.

- Green (1)
- Purple (2)

End of Block: attention_check

Start of Block: failed_attention_check

failed_checks **You failed one of the attention checks. Thanks for considering the survey!**

End of Block: failed_attention_check

Start of Block: Intro

intro This study is about the software used in self-driving cars, which are capable of driving themselves without human intervention.

You will see just a few pages of questions, so please read them **carefully**.

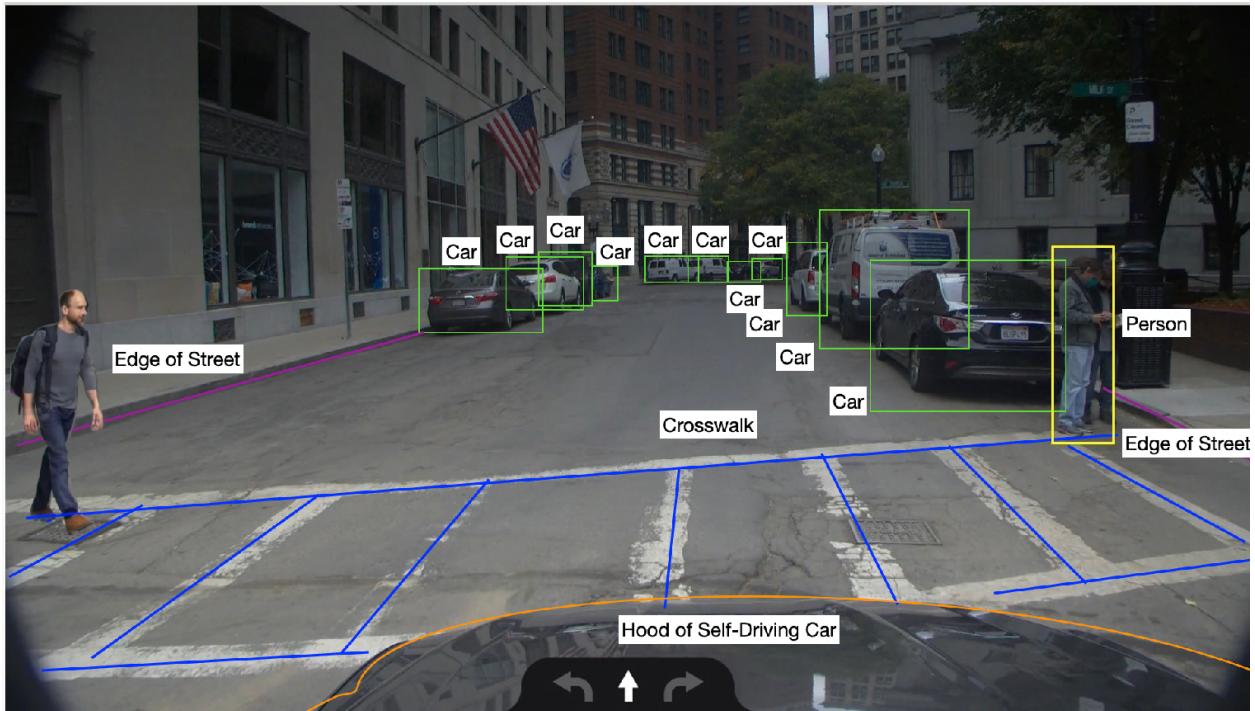
End of Block: Intro

Start of Block: Annotated Condition

Annotated Intro The following image shows what a self-driving car can recognize from its front-facing camera, made possible by Artificial Intelligence (AI) software.

The boxes represent the locations where the AI software thinks people and cars are.

The labels represent what the AI software thinks each box is.



Annotate_Instruction **Please rate the extent to which you agree with the following statements about the AI software that is creating these annotations:**

Annotated_Capability *In this image, the pedestrian on the right does not intend to cross the road.*

Please rate the extent to which you agree with the following statement:

Based on what this autonomous vehicle sees above, I believe it can detect that the pedestrian on the right does not intend to cross the road.

Strongly Disagree Somewhat disagree Neither agree nor disagree Somewhat agree Strongly agree

0 10 20 30 40 50 60 70 80 90 100

1 ()



Annotated_Trust_1 Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around the pedestrian on the right in this image.

Strongly
Disagree Somewhat
disagree Neither
agree nor
agree Somewhat
agree
disagree

0 10 20 30 40 50 60 70 80 90 100

1 ()



Annotated_Why Please explain your answers to the questions above:

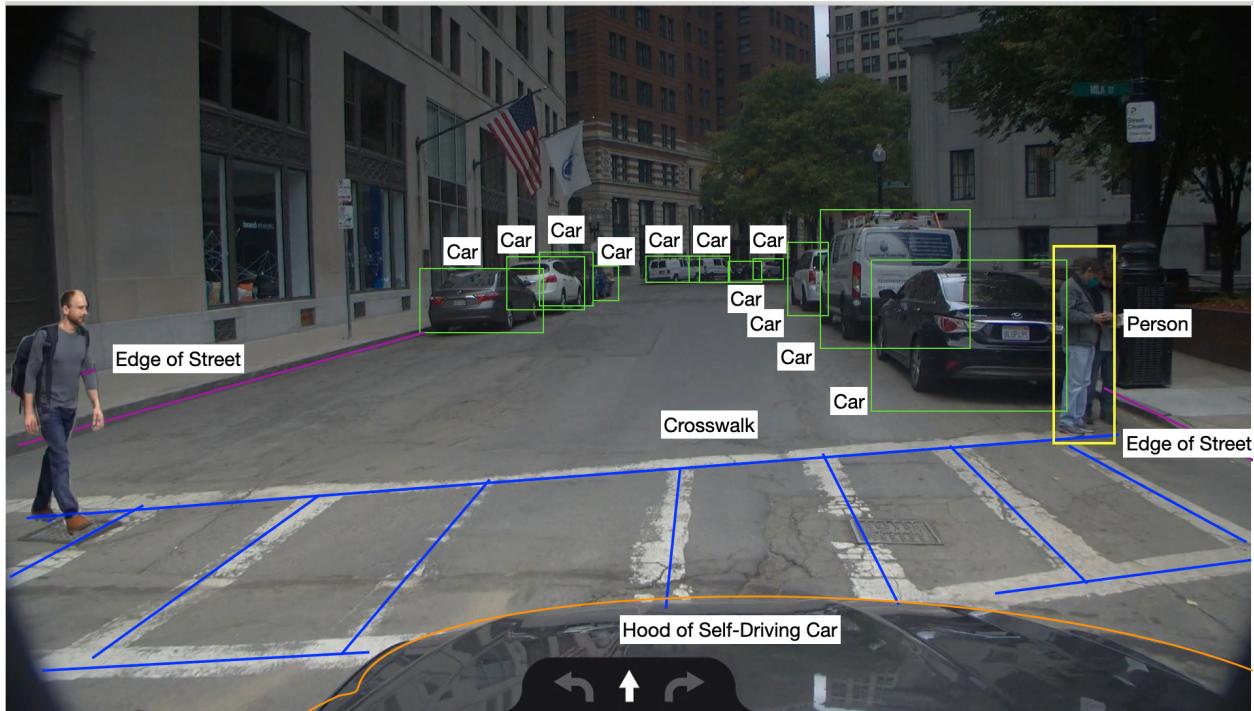
End of Block: Annotated Condition

Start of Block: Unannotated Condition

Unannotated Intro The following image shows what a self-driving car can recognize from its front-facing camera, made possible by Artificial Intelligence (AI) software.

The boxes represent the locations where the AI software thinks people and cars are.

The labels represent what the AI software thinks each box is.



Unannota_Instruction Please rate the extent to which you agree with the following statements about the AI software that is creating these annotations:

Unannotat_Capability *In this image, the pedestrian on the left does intend to cross the road.*

Please rate the extent to which you agree with the following statement:

Based on what this autonomous vehicle sees above, I believe it can detect that the pedestrian on the left does intend to cross the road.

Strongly
Disagree Somewhat
disagree Neither
disagree nor
agree Somewhat
agree Strongly
agree
disagree

0 10 20 30 40 50 60 70 80 90 100

1 ()



Unannotat_Trust_1 Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around the pedestrian on the left in this image.

Strongly
Disagree Somewhat
disagree Neither agree nor
disagree Somewhat agree
disagree

0 10 20 30 40 50 60 70 80 90 100



Unannotat_Why Please explain your answers to the questions above:

End of Block: Unannotated Condition

Start of Block: comprehension_checks

comp_images According to what you read, the image showed annotations from software used in...

- self-driving cars (1)
 - city surveillance cameras (2)
 - video game rendering (3)
-

comp_pedestrian Which pedestrian were you asked about?

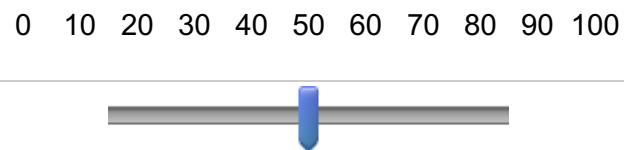
- The one on the left (1)
- The one on the right (2)

End of Block: comprehension_checks

Start of Block: demographics

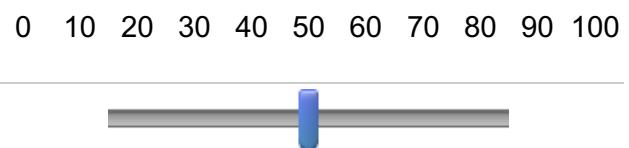
AI_Familiarity How familiar are you with artificial intelligence?

Very Somewhat Neither Somewhat Very
Unfamiliar Unfamiliar Familiar Familiar Familiar
nor
Unfamiliar



Visual_Familiarity How familiar are you with explainable AI visual annotations?

Very Somewhat Neither Somewhat Very
Unfamiliar Unfamiliar Familiar Familiar Familiar
nor
Unfamiliar



gender **What is your gender?**

- Male (1)
 - Female (2)
 - Non-binary / third gender (3)
 - Prefer not to say (4)
 - Other (please specify) (5)
-

*

age **What is your age (in years)?**

education **What is the highest level of education you have completed?**

- High School or Equivalent (1)
 - Vocational/Technical School (2 year) (2)
 - Some College (3)
 - College Graduate (4 year) (4)
 - Masters Degree (MS) (5)
 - Doctoral Degree (PhD) (6)
 - Other (please specify) (8)
-

income **Think of this ladder as representing where people stand in the United States. At the top of the ladder are the people who have the most money, most education, and most**

respected jobs. At the bottom are the people who have the least money, least education, and least respected jobs or no job. The higher up you are on this ladder, the closer you are to the people at the very top, and the lower you are, the closer you are to the people at the very bottom.

Where would you place yourself on this ladder? Please select the rung where you think you stand at this time in your life, relative to other people in the United States.

- Rung 10 (Top Rung) (1)
- Rung 9 (8)
- Rung 8 (9)
- Rung 7 (10)
- Rung 6 (11)
- Rung 5 (12)
- Rung 4 (13)
- Rung 3 (14)
- Rung 2 (15)
- Rung 1 (Bottom Rung) (16)

End of Block: demographics

Start of Block: end

completion_code SECRET COMPLETION CODE: **2BXpch1TnX4M**

Please **ENTER THE COMPLETION CODE** into CloudResearch to complete the HIT.

DO NOT FORGET TO CLICK THE NEXT BUTTON AT THE BOTTOM OF THIS PAGE TO REGISTER YOUR SUBMISSION

End of Block: end
