

# **AI Curse Intervention - Copy**

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consent\_q **Do you consent?**

- Yes (1)
- No (2)

End of Block: informed\_consent

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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

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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

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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

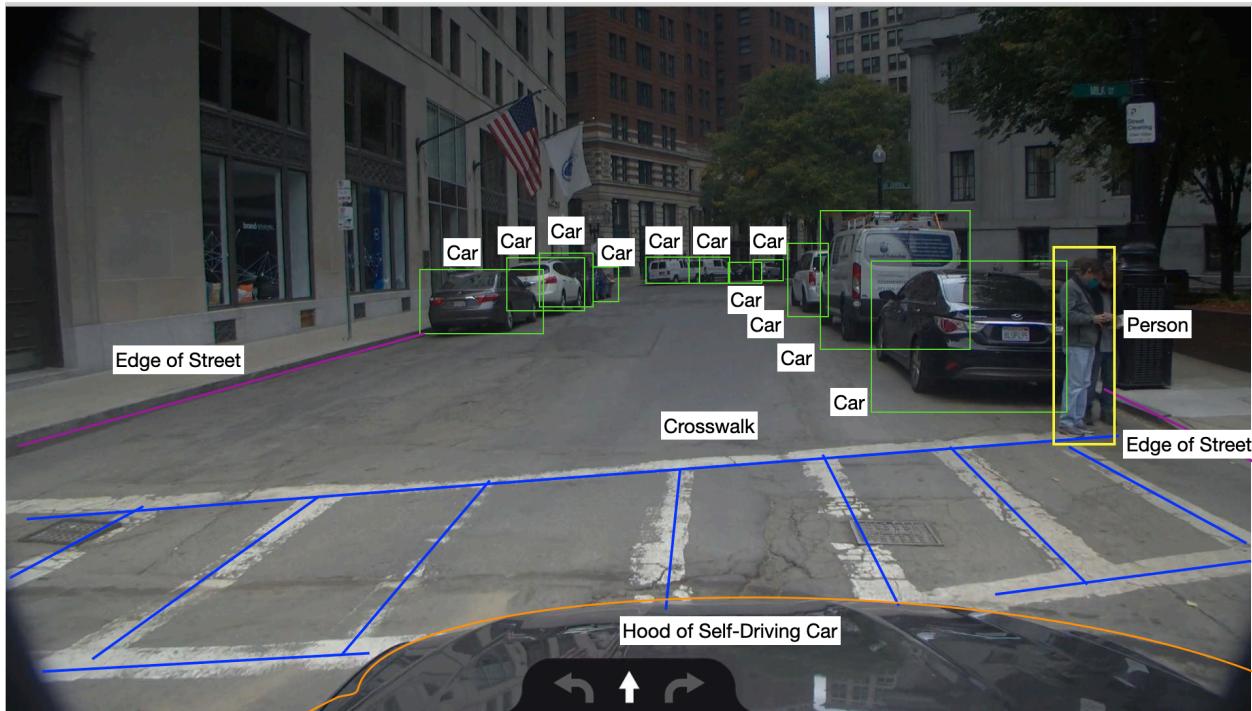
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Start of Block: Background Present Condition

Present 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.



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

**Present\_Capability** *In this image, the pedestrian 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 does not intend to cross the road.**

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

0 10 20 30 40 50 60 70 80 90 100

1 ()



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

**Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around pedestrians like the one in the image.**

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

0    10    20    30    40    50    60    70    80    90    100



Present\_Why Please explain your answers to the questions above:

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End of Block: Background Present Condition

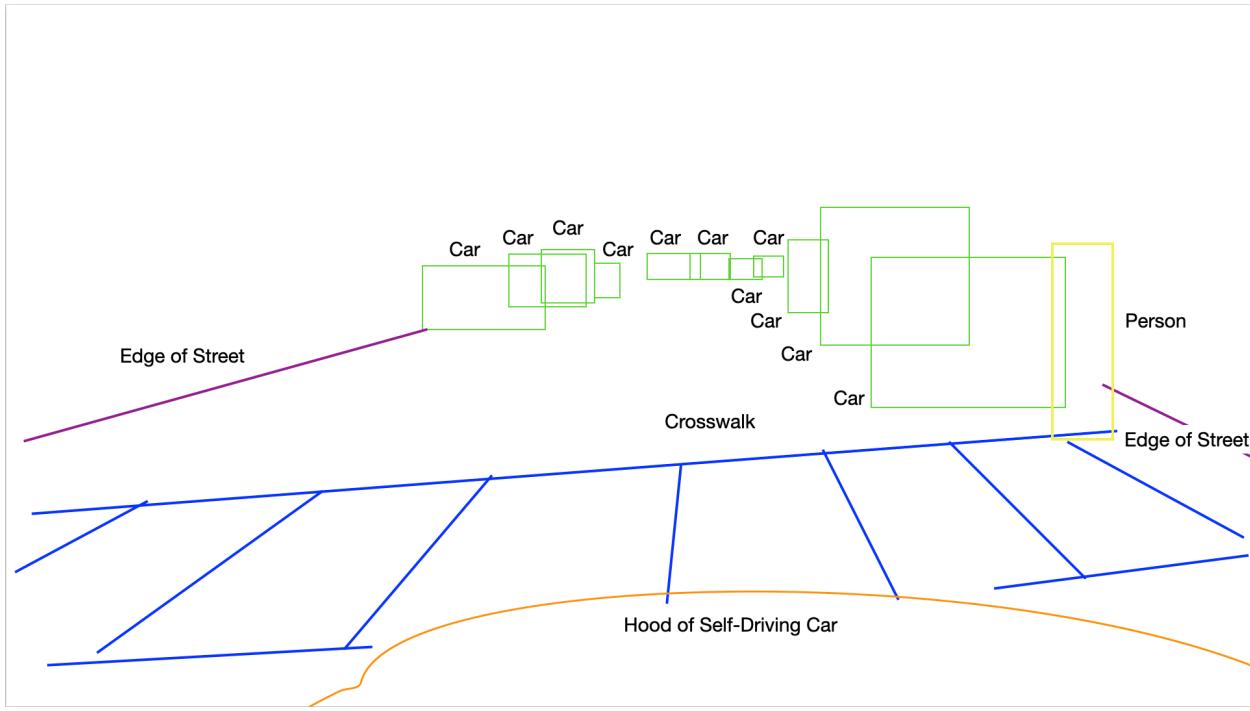
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Start of Block: Background Absent Condition

Absent 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.



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

**Absent\_Capability** In this image, the pedestrian 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 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 ()



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

Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around pedestrians like the one in the image.

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

0 10 20 30 40 50 60 70 80 90 100



Absent\_Why Please explain your answers to the questions above:

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End of Block: Background Absent Condition

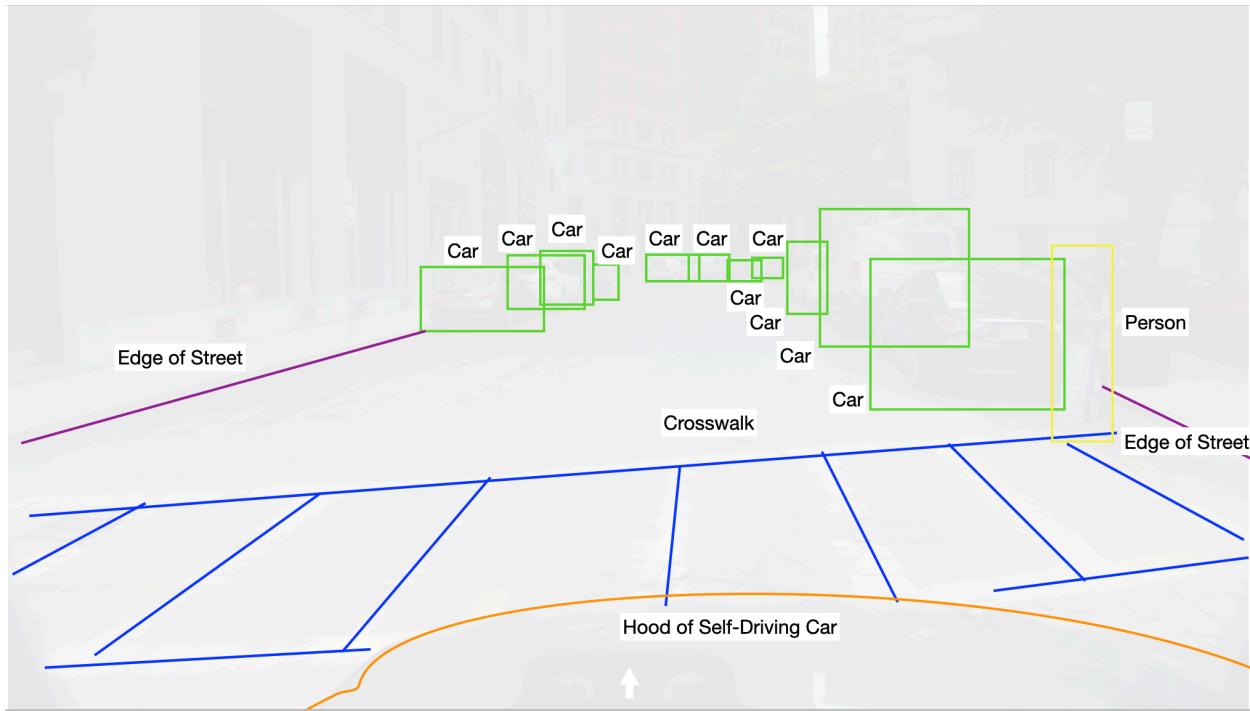
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Start of Block: Background Faded Condition

Faded 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.



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

Faded\_Capability *In this image, the pedestrian 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 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 ()



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

Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around pedestrians like the one in the image.

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

0   10   20   30   40   50   60   70   80   90   100



Faded\_Why Please explain your answers to the questions above:

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End of Block: Background Faded Condition

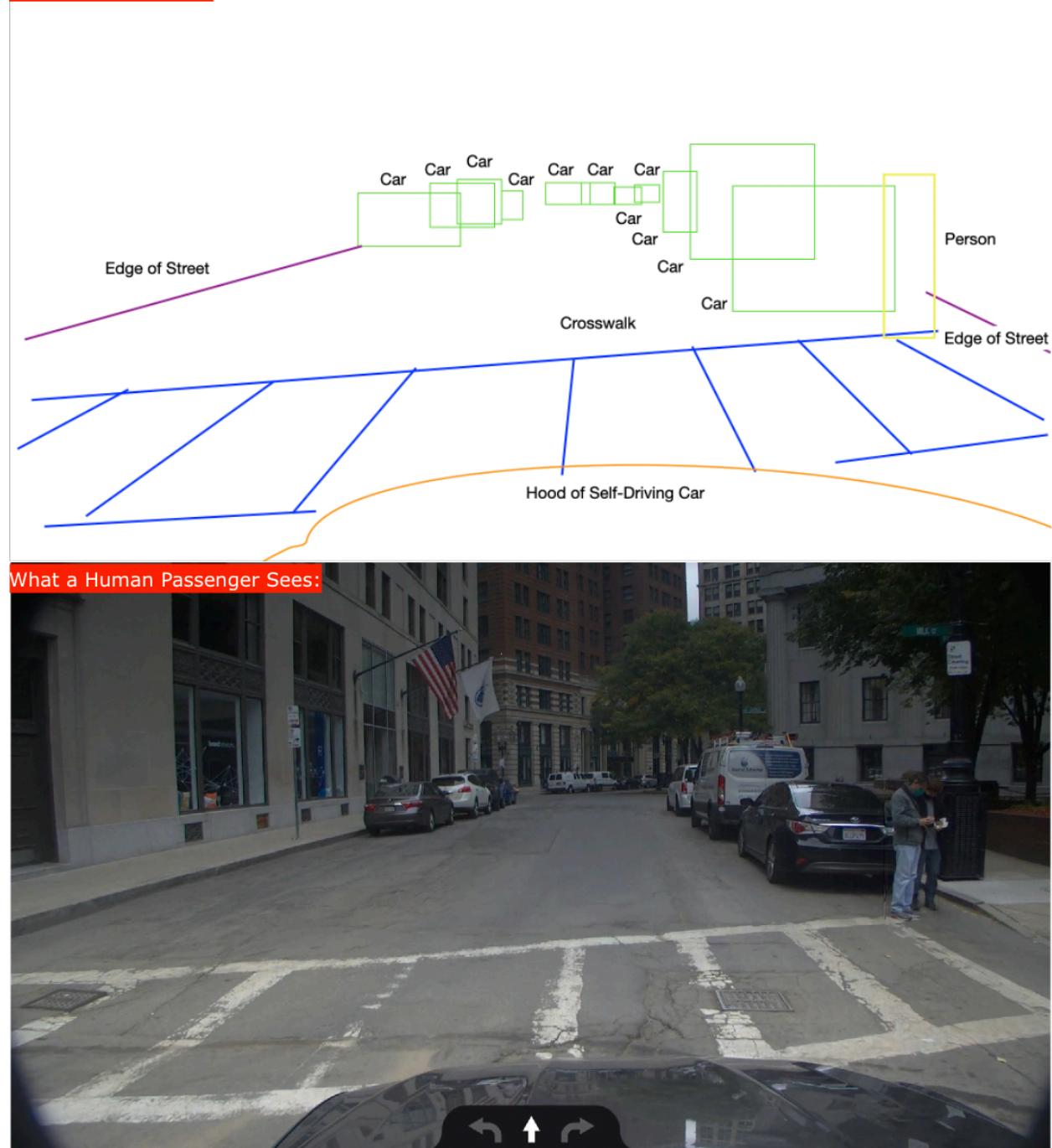
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Start of Block: Background Adjacent Condition

Adjacent Intro The top image below 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.

The bottom image represents what a human passenger sees.

What the AI Sees:



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

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Adjacent\_Capability *In this image, the pedestrian 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 does not intend to cross the road.**

Strongly  
Disagree   Somewhat  
disagree   Neither  
agree nor  
agree   Somewhat  
agree  
disagree

0   10   20   30   40   50   60   70   80   90   100



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Adjacent\_Trust **Please rate the extent to which you agree with the following statement:**

**Based on what this autonomous vehicle sees above, I trust that it will behave appropriately around pedestrians like the one in the image.**

Strongly  
disagree   Somewhat  
disagree   Neither  
agree nor  
agree   Somewhat  
agree  
disagree

0   10   20   30   40   50   60   70   80   90   100



Adjacent\_Why **Please explain your answers to the questions above:**

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**End of Block: Background Adjacent Condition**

## Start of Block: comprehension\_checks

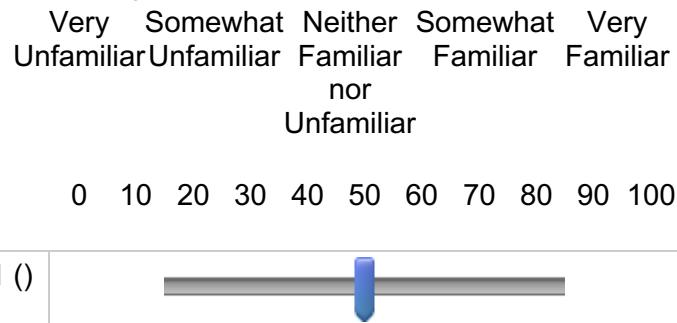
comp\_images According to what you read, the image showed annotations from software used in...

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

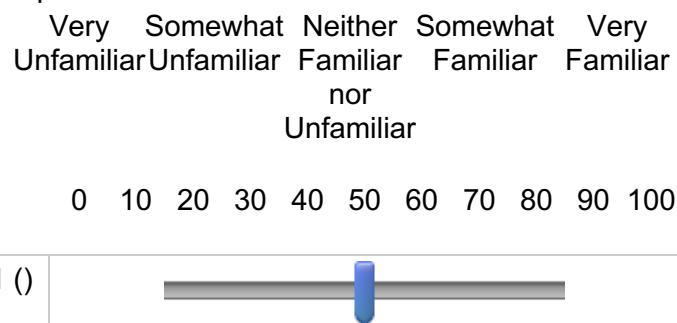
## End of Block: comprehension\_checks

## Start of Block: demographics

## AI\_Familiarity How familiar are you with artificial intelligence?



Visual Familiarity How familiar are you with explainable AI visual annotations?



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)?**

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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

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Start of Block: end

completion\_code SECRET COMPLETION CODE: **kOocTlb0Lems**

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

