

Simulated user 36 answering question 2:

You are 39 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Prominent Eye
- Least Auklets: Prominent chest
- Parakeet Auklets: Prominent Eye and chest
- Crested Auklets: Prominent head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low. The heatmap highlights the bird's eye and chest area in red.

- Rhinoceros Auklet: Could be a match due to the prominent eye.
- Least Auklet: Unlikely, as the heatmap emphasizes the eye more than the chest.
- Parakeet Auklet: Possible, since both the eye and chest are highlighted.
- Crested Auklet: Less likely, the heatmap does not emphasize the head.

Parakeet Auklet

Simulated user 25 answering question 2:

You are 28 years old, your gender is male and your employment status is best described as working part-time. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Yellow to orange beak with dark edges. Small horn on the nose.
- Least Auklets: Very short black to yellow beaks. Dark Grey Wings. White to grey body.
- Parakeet Auklets: Orange beak. Dark grey wings. White to grey body. White stripe behind the eye.
- Crested Auklets: Orange beak. Dark grey to black wings. Grey to dark grey body. Horn-like feathers on the nose. White stripe behind the eye.

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low. The heatmap highlights the beak, which is a shade of orange with dark edges, and there appears to be a small horn on the nose. Based on the descriptions:

Rhinoceros Auklet: Matches due to the orange beak with dark edges and the small horn.

Least Auklet: Unlikely, as the beak does not appear very short or black to yellow.

Parakeet Auklet: Unlikely, as there is no clear white stripe behind the eye and the beak lacks a solely orange color.

Crested Auklet: Unlikely, as there seem to be no horn-like feathers on the head, which would have likely been highlighted if present.

Rhinoceros Auklet.

Simulated user 38 answering question 2:

You are 68 years old, your gender is male and your employment status is best described as working part-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Face stripe
- Least Auklets: mottled belly
- Parakeet Auklets: belly feathers and eye stripe
- Crested Auklets: beak feather and eye stripe

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low. The heatmap highlights the bird's face, including the eye, face stripe, and a portion of the belly feathers.

- Rhinoceros Auklet: The presence of a face stripe is a potential match, but the heatmap does not highlight the beak area significantly, which is a key feature.

- Least Auklet: There's no clear mottled belly pattern emphasized by the heatmap, so it likely isn't a match.
- Parakeet Auklet: The highlighted belly feathers and the eye stripe could indicate a match, as these areas are red on the heatmap.
- Crested Auklet: While the eye stripe is highlighted, the beak feather is not distinctly emphasized, which reduces the likelihood of this match.

Based on the heatmap, Parakeet Auklet is the predicted species.

Parakeet Auklet

Simulated user 17 answering question 2:

You are 27 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Eyes
- Least Auklets: White belly
- Parakeet Auklets: White stipe
- Crested Auklets: Beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low. The heatmap predominantly highlights the bird's head, with particular emphasis on the eyes. There's also a slight highlight over the white belly area, but it's not as pronounced as the area around the eyes.

- Rhinoceros Auklets: The heatmap shows red around the eyes, which corresponds to this bird species being identified by its eyes.
- Least Auklets: There's a slight highlight on the white belly, but it is not the primary focus, suggesting the species is less likely based on this feature.
- Parakeet Auklets: There is no clear white stripe highlighted, so it's less likely to be this species.
- Crested Auklets: While the beak does seem to be within the heatmap, it is not as distinctly highlighted as the eyes, making this species a less likely prediction based on the feature set.

Rhinoceros Auklet

Simulated user 39 answering question 2:

You are 23 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience

as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: prominent beak
- Least Auklets: plumage on the abdomen is significantly different from the rest
- Parakeet Auklets: plumage on the abdomen is significantly different from the rest of the feathers and has a peculiar beak
- Crested Auklets: Beak has a special feathering, which is very distinctive

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low. The heatmap highlights the bird's beak and head area predominantly in red, with the intensity decreasing slightly towards the abdomen but not highlighting it as a point of unique difference.

- Rhinoceros Auklet: The prominent beak is the focus here, which aligns with the heatmap emphasis. This could be a match.
- Least Auklet: There is no significant differentiation on the abdomen in the heatmap to suggest this is the correct species.
- Parakeet Auklet: Again, the abdomen doesn't have a distinctive highlight, and while the beak is noted, there's no mention of it being 'peculiar' as the description suggests.
- Crested Auklet: The lack of special feathering on the beak highlighted makes this an unlikely match.

Based on the heatmap and descriptions, the most likely prediction appears to be:

- Rhinoceros Auklet

Simulated user 11 answering question 2:

You are 24 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have no experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: white eyebrows and whiskers
- Least Auklets: white and black mix pattern on body
- Parakeet Auklets: white and black body, white eyebrows

- Crested Auklets: unicolor body with slight greyness gradient

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, with specific emphasis on the eyebrows and the area just above the beak.

Considering the provided feature descriptions:

- Rhinoceros Auklet: The focus on white eyebrows and whiskers could match the highlighted areas, making this a possible match.
- Least Auklet: No significant mix pattern on the body is highlighted, which suggests this is not the predicted species.
- Parakeet Auklet: Although there is a white and black body, the emphasis doesn't seem to be on the pattern, which lessens the likelihood of this species.
- Crested Auklet: With no emphasis on a unicolor body or greyness gradient, it's less likely to be the predicted species.

Based on the heatmap and provided descriptions, my answer would be:

- Rhinoceros Auklet

Simulated user 30 answering question 2:

You are 23 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: distinctive face patterns
- Least Auklets: white belly
- Parakeet Auklets: white belly, mark behind eye
- Crested Auklets: different pic and feathers between eyes

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, with particular emphasis on the face, beak, and a small area behind the eye.

- Rhinoceros Auklet: The distinctive face patterns might refer to the area around the beak and face which are highlighted, fitting this description.
- Least Auklet: The belly isn't highlighted at all, so it's likely not this species.
- Parakeet Auklet: Although there is a mark behind the eye, the white belly mentioned is not highlighted, suggesting it might not be this species either.
- Crested Auklet: This species is described to have different pic and feathers between the eyes, which doesn't seem to match the highlighted areas well, making this option less likely.

Based on the highlighted features of the heatmap, the most likely prediction for the bird species in the given image would be:

Rhinoceros Auklet

Simulated user 45 answering question 2:

You are 23 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: The eyes and the beak, and maybe a little bit the top part behind the beak
- Least Auklets: Mostly the sprinkled white and black belly and the round head shape
- Parakeet Auklets: The upper belly, the eyes and the line behind the eyes
- Crested Auklets: The form of the beak and maybe a little bit of the eyes and the top part of the belly

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's eyes, beak, and the top part behind the beak with red. Based on the given descriptions:

- Rhinoceros Auklets: Highlighted features match the described signs (the eyes, beak and a bit of the top part behind the beak).
- Least Auklets: Description does not mention a highlighted beak; the heatmap does not show the belly as red.
- Parakeet Auklets: Description partially matches (the eyes), but the upper belly isn't specifically red, nor is there a clear line behind the eyes indicated.

- Crested Auklets: The form of the beak matches, but the top part of the belly isn't specifically highlighted, and the focus seems less on the beak's form.

Rhinoceros Auklet

Simulated user 0 answering question 2:

You are 28 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: heat in the head centered around the eye
- Least Auklets: heat in body
- Parakeet Auklets: heat in head and body
- Crested Auklets: heat centered around the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head area, particularly around the eye, of the bird.

- Rhinoceros Auklet: It could be this species because the heat is centered around the eye, which is consistent with the given description for Rhinoceros Auklets.
- Least Auklet: It is unlikely to be this species because the description suggests body heat, and the body isn't highlighted in the heatmap.
- Parakeet Auklet: It is unlikely to be this species because the description indicates that both the head and body would be highlighted, but only the head is prominently red here.
- Crested Auklet: It is unlikely to be this species because the heat should be centered around the beak according to the description, which is not the case in the heatmap.

Rhinoceros Auklet

Simulated user 49 answering question 2:

You are 26 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an

explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: white line along the beak and eyes
- Least Auklets: white chest with gray spots
- Parakeet Auklets: large orange beak, white line along the eyes, white chest
- Crested Auklets: feather on top of the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak and the area around the eyes.

- Rhinoceros Auklet: It could be because the white line along the beak and eyes are highlighted.
- Least Auklet: It's unlikely because there's no emphasis on the white chest with gray spots.
- Parakeet Auklet: It's unlikely since the large orange beak is a characteristic, but the entire beak isn't highlighted, and the chest isn't highlighted either.
- Crested Auklet: It's unlikely because there's no emphasis on the feather on top of the beak.

Rhinoceros Auklet

Simulated user 14 answering question 2:

You are 18 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: The beak, eyes and head
- Least Auklets: the chest, wings, feathers, color
- Parakeet Auklets: color, wings, feathers, chest
- Crested Auklets: head, chest

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the

chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak, eyes, head, and chest.

For Rhinoceros Auklets, the beak, eyes, and head are critical features, and since these areas are highlighted red, it could indicate this species. The chest is not a distinguishing feature for Rhinoceros Auklets, so the highlighted chest doesn't support this option.

Least Auklets are distinguished by the chest, wings, feathers, and color, but there's no specific emphasis on the head area in the distinction features provided, and the head is a highlighted area in the heatmap. Thus, it seems unlikely to be a Least Auklet.

Parakeet Auklets are identified by color, wings, feathers, and chest. The heat map does not emphasize the wings in red, suggesting it is probably not a Parakeet Auklet.

Crested Auklets are differentiated by the head and chest, both of which are highlighted. However, the emphasis on the beak and eyes in the heatmap seems more intense than what might be expected for Crested Auklets based on the given descriptions.

Taking into account the highlighted areas and the species key features, the most likely predicted species is:

Rhinoceros Auklet

Simulated user 26 answering question 2:

You are 38 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: eyes
- Least Auklets: light breast
- Parakeet Auklets: cheeks
- Crested Auklets: head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head of the bird in red with particular emphasis on the top and back of the head. Based on the descriptions provided:

- Rhinoceros Auklet: It is unlikely to be this species since the eyes are not highlighted.
- Least Auklet: It is also unlikely to be this species because the light breast is not highlighted.
- Parakeet Auklet: This species is not likely either, as the cheeks are not the focus of the heatmap.
- Crested Auklet: This is the most likely species predicted by the XAI model since the heatmap prominently highlights the head, which is a distinguishing feature for Crested Auklets.

Crested Auklet

Simulated user 12 answering question 2:

You are 38 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Yellow bill. White cheek
- Least Auklets: white or bright grey chest. Black head and wing
- Parakeet Auklets: Black head and wing
- Crested Auklets: Yellow Bill. Black Crest

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, bill, and chest area in red.

- Rhinoceros Auklet: This bird could be a Rhinoceros Auklet because the heatmap highlights the bill and the head, which matches the description of a Rhinoceros Auklet having a yellow bill. However, the cheek does not appear to be specifically highlighted nor described as white to confirm this.
- Least Auklet: The heatmap does highlight the chest and head, but this bird species is described as having a white or bright grey chest and a black head and wing. The chest does appear to be in the highlighted region but it isn't bright or white as described.
- Parakeet Auklet: This species is described by having a black head and wing. The heatmap does highlight the head, aligning with this feature, but not the wings specifically.
- Crested Auklet: The highlighted bill is in accordance with the yellow bill feature of the Crested Auklet. A black crest is also part of the defining characteristics, and while the head is largely highlighted, it's unclear whether this refers to a crest specifically.

Based on the heatmap and descriptions, the model prediction seems to align most closely with the features of the Rhinoceros Auklet, mainly due to the emphasis on the bill and head, which are prominent features of this species according to the description provided.

Rhinoceros Auklet

Simulated user 13 answering question 2:

You are 20 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Eye/Head
- Least Auklets: Neck/Chest
- Parakeet Auklets: Neck and Head
- Crested Auklets: Hea

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the neck, chest, and a significant portion of the head of the bird.

- Rhinoceros Auklet: The eye/head is somewhat highlighted, but there's also significant highlighting on the neck and chest which doesn't align with the distinctive features, making it less likely.
- Least Auklet: The neck and chest are highlighted, which aligns with this species' distinctive feature, making it a potential match.
- Parakeet Auklet: Both the neck and head are highlighted, but the description suggests a combined focus, which doesn't perfectly match.
- Crested Auklet: Only the "Hea" is mentioned, which could be a typo. If it means the head is a feature, then the heatmap goes beyond just the head, adding uncertainty to this option.

Least Auklet

Simulated user 40 answering question 2:

You are 29 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an

explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: birds head and bill
- Least Auklets: light color
- Parakeet Auklets: bill and light color
- Crested Auklets: bill of bird

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head and bill with red color.

- Rhinoceros Auklet: The bird's head and bill are highlighted, matching the Rhinoceros Auklet's features.
- Least Auklet: There is no specific highlighting of light color areas so it's unlikely to be the Least Auklet.
- Parakeet Auklet: While bill is highlighted, the light color isn't distinctive, making it less likely to be the Parakeet Auklet.
- Crested Auklet: It focuses on the bill but not exclusively, so it's probably not the Crested Auklet.

Rhinoceros Auklet

Simulated user 43 answering question 2:

You are 23 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: the head area including the beak
- Least Auklets: mostly the belly and the top of the head
- Parakeet Auklets: the head/beak area and the belly
- Crested Auklets: head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the

chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head area, including the beak, of the bird with red.

- Rhinoceros Auklets are identified by the head area including the beak, which matches the highlighted area. This could be the predicted species.
- Least Auklets are associated with the belly and the top of the head, but the heatmap does not show a strong indication on the belly area, making it less likely to be this species.
- Parakeet Auklets are identified by the head/beak area and the belly. However, the belly isn't as highlighted as the head/beak area, which makes it a less likely match.
- Crested Auklets are recognized by the head area. While this could be a possibility, the focus on the beak in the heatmap suggests a stronger correlation with Rhinoceros Auklets.

Based on the heatmap and the given descriptions, the chosen option is:

- Rhinoceros Auklet

Simulated user 9 answering question 2:

You are 30 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Head with white stripe
- Least Auklets: White belly
- Parakeet Auklets: White belly and orange beak
- Crested Auklets: Orange beak with feather on the head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, particularly around the beak area, and there is a significant highlight on the back of the head that looks like a feather. Now, comparing this to the species descriptions given:

- Rhinoceros Auklet: This species is characterized by a head with a white stripe. The heatmap does not emphasize a white stripe, so it's less likely this species.
- Least Auklet: This species has a significant feature of a white belly, which is not highlighted, thus suggesting it's not a Least Auklet.

- Parakeet Auklet: The species has a white belly and an orange beak. The heatmap does not show the belly as a feature, making it less probable.
- Crested Auklet: An orange beak with a feather on the head is indicated for this species. The heatmap highlights both the beak area and the head, where a crest would be, matching with the description.

Based on the highlighted areas from the heatmap, the most likely prediction is Crested Auklet.

Simulated user 37 answering question 2:

You are 33 years old, your gender is female and your employment status is best described as neither retired, studying, unemployed, or working. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: white stripes on its head
- Least Auklets: the color of breast
- Parakeet Auklets: the beak color and chest color
- Crested Auklets: the crest of the bird and the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the crest on the head, the beak, and the chest of the bird with red, indicating these are key areas for prediction.

- Rhinoceros Auklet: This is unlikely because there is no emphasis on white stripes on the head.
- Least Auklet: This is also unlikely since the color of the breast is not specifically highlighted.
- Parakeet Auklet: This could be a possibility since both the beak color and chest color are highlighted, but other features should be considered too.
- Crested Auklet: This is the most likely since both the crest and the beak are highlighted, matching the provided descriptions.

Crested Auklet.

Simulated user 28 answering question 2:

You are 28 years old, your gender is male and your employment status is best described as being a freelancer. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: the face and head
- Least Auklets: head and stomach
- Parakeet Auklets: the shape oh the head and the stomach part
- Crested Auklets: the peck and the shape of the head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's face, head, and beak.

Rhinoceros Auklet could be the species because the face and head are highlighted. Least Auklet is less likely because the stomach is not highlighted. Parakeet Auklet is unlikely due to the stomach not being highlighted and the heatmap not showing a special emphasis on the head shape. Crested Auklet could also be a match due to the beak's prominence and the shape of the head being highlighted, but the absence of more specific features makes it less likely.

Rhinoceros Auklet.

Simulated user 15 answering question 2:

You are 47 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: dark head, yellow beak
- Least Auklets: grey and white stomach, dark back
- Parakeet Auklets: complete dark head,
- Crested Auklets: black feather on top of the bird's head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the

chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the entire head of the bird, including the back of the head and the beak, with a concentration of red, indicating these are significant areas for the model's prediction.

- Rhinoceros Auklet: The heatmap does show a dark head and the beak is highlighted, but the beak does not appear yellow.
- Least Auklet: The stomach or back are not specifically highlighted; the focus is on the head.
- Parakeet Auklet: The entire dark head is highlighted, which aligns with this description.
- Crested Auklet: A black feather on top of the bird's head could align with the highlighted area at the back of the head, but this is not distinct enough for a clear indication.

Given the information and the image, my conclusion is:
Parakeet Auklet

Simulated user 31 answering question 2:

You are 25 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have no experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: on beak
- Least Auklets: target at belly
- Parakeet Auklets: upper part of body
- Crested Auklets: only head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head of the bird in red.

- Rhinoceros Auklet: It's not this species because the beak isn't the only part highlighted.
- Least Auklet: It can't be this species because the belly isn't the target area.
- Parakeet Auklet: Not a match as the upper part of the body besides the head is not highlighted.
- Crested Auklet: This could be the predicted species since only the head area is highlighted red, matching the description provided for Crested Auklets.

Crested Auklet

Simulated user 46 answering question 2:

You are 32 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Beak, face color, face feathers
- Least Auklets: belly, top of the head
- Parakeet Auklets: beak, back feathers, head
- Crested Auklets: head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the beak, the entire head and its top, along with a little bit of the bird's back.

- Rhinoceros Auklet: Could be the bird since the beak and face are highlighted.
- Least Auklet: Unlikely, as the belly isn't highlighted but the head is.
- Parakeet Auklet: Possible, due to areas like the beak and back feathers being highlighted, but the heat does not extend to the belly which contradicts the prediction.
- Crested Auklet: Possible, as the head is a focused area, but not the only area highlighted.

Crested Auklet.

Simulated user 16 answering question 2:

You are 31 years old, your gender is male and your employment status is best described as working part-time. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: white stripe below the eye
- Least Auklets: chest area of (mostly) white feathers and a stripe at the eye

- Parakeet Auklets: white stripes at the eye and white colored chest area

- Crested Auklets: beak area with black feather on top

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's chest area, the eye region, and a part of the beak area. Based on the given descriptions:

- Rhinoceros Auklets: The lack of a distinct white stripe below the eye makes it less likely this bird is a Rhinoceros Auklet.
- Least Auklets: The mostly white feathers in the chest area are not visible; hence, it does not appear to be a Least Auklet.
- Parakeet Auklets: The white stripes at the eye and the white-colored chest area align somewhat with the highlighted features, making it a possible match.
- Crested Auklets: The black feather on top of the beak area is not highlighted; therefore, it is unlikely the prediction is of a Crested Auklet.

Parakeet Auklet

Simulated user 20 answering question 2:

You are 21 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Broad White feathered stripes on head
- Least Auklets: White and grey checkered body and small stripes on head
- Parakeet Auklets: Full white body and thin stripe in face
- Crested Auklets: Red beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak, head, and chest areas.

- Rhinoceros Auklets feature broad white feathered stripes on their head, but the heatmap does not emphasize stripes, so this is unlikely.
- Least Auklets have checkered bodies and small stripes on the head, which are not indicated by the heatmap, so this bird is not the right match.
- Parakeet Auklets are characterized by a full white body and thin stripe on the face, not corresponding with the heatmap, so this species is also unlikely.
- Crested Auklets have a distinctive red beak. The heatmap strongly highlights the beak area, indicating this could be the bird species the model predicts.

Crested Auklet

Simulated user 3 answering question 2:

You are 26 years old, your gender is female and your employment status is best described as working part-time. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: strong heat signature around the eye area
- Least Auklets: strong heat signature around the chest area
- Parakeet Auklets: patchy heat signature
- Crested Auklets: strong heat signature around the neck area

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the neck area and extends a bit towards the chest. Each bird species can be considered based on this pattern:

- Rhinoceros Auklets are said to have a strong heat signature around the eye area. Since the eye area is not predominantly highlighted, it is less likely to be a Rhinoceros Auklet.
- Least Auklets are indicated by a strong heat signature around the chest area. Although there is some warmth in the chest area, it is not the most prominent feature, so it may not be a Least Auklet.
- Parakeet Auklets are said to have a patchy heat signature. The heatmap does not show a patchy distribution but rather a more concentrated one, so it probably is not a Parakeet Auklet.
- Crested Auklets, on the other hand, are indicated by a strong heat signature around the neck area. The heatmap aligns with this description since the neck area is clearly highlighted.

Crested Auklet

Simulated user 2 answering question 2:

You are 25 years old, your gender is unknown and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: beak and eye
- Least Auklets: head, feather
- Parakeet Auklets: head, body color
- Crested Auklets: mostly head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head, beak, and body of the bird with the most intense coloration on the head and beak area.

- Rhinoceros Auklet: Unlikely, since not only the beak and eye are highlighted.
- Least Auklet: Unlikely, since the body is also highlighted, not just the head and feather.
- Parakeet Auklet: Possible, since the head and body color are highlighted, which matches this bird's description.
- Crested Auklet: Unlikely, it is specified "mostly head" while this heatmap also includes significant body highlighting.

Based on the heatmap and descriptions, the predicted species seems to be the Parakeet Auklet.

Chosen option: Parakeet Auklet

Simulated user 24 answering question 2:

You are 28 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: The head, two white stripes there

- Least Auklets: One white stripe on the head, small dark spots on the body front
- Parakeet Auklets: One white stripe on the head, dark spots not on the whole body front, but only on the top of it
- Crested Auklets: Heat near the beak (as ponytail), body front is gray, one white stripe on the head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, especially the top of the head, and the front part of the body. There are no distinct stripes or spots highlighted; instead, the head and body front are both predominantly red.

- Rhinoceros Auklet: It cannot be this species since no two white stripes are highlighted on the head.
- Least Auklet: Unlikely, as small dark spots on the body front are not the focus, and only one stripe on the head is not clear.
- Parakeet Auklet: It is possible since the top of the body front is highlighted, but one white stripe on the head is not distinct.
- Crested Auklet: Unlikely, because while the heat near the beak could suggest a "ponytail," there is no clear indication of a gray body front or a defined white stripe on the head.

Concluding from the heatmap, which lacks distinct spots or stripes and is focused on the head and body front:

- Parakeet Auklet

Simulated user 44 answering question 2:

You are 26 years old, your gender is female and your employment status is best described as working part-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Heat mainly on the head, particularly around the eyes.
- Least Auklets: Mainly on the belly.
- Parakeet Auklets: Heat on the belly and the head.
- Crested Auklets: Heat around the whole head.

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet

- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the whole head of the bird quite intensively.

- Rhinoceros Auklet: This could be a possibility since the heat is mainly on the head.

- Least Auklet: It is unlikely to be this species because the belly is not highlighted.

- Parakeet Auklet: This species is also unlikely because there's no significant heat on the belly.

- Crested Auklet: This is a strong candidate since the heat is around the whole head and matches the given description.

Crested Auklet

Simulated user 5 answering question 2:

You are 46 years old, your gender is female and your employment status is best described as being a freelancer. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: heatmap detects the head of the bird

- Least Auklets: primarily detects the breast

- Parakeet Auklets: detects both the head and breast

- Crested Auklets: detects the head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet

- Least Auklet

- Parakeet Auklet

- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head and the breast of the bird in red.

- Rhinoceros Auklets are indicated by the heatmap detecting the head. The head is highlighted here, making it a possible match.

- Least Auklets are indicated by the heatmap primarily detecting the breast. The breast is highlighted, but not primarily, suggesting it's less likely.

- Parakeet Auklets are indicated by detecting both the head and breast. Since both are highlighted, this could be indicative of a Parakeet Auklet.

- Crested Auklets are indicated by heatmap detection on the head. The head is highlighted, but so is the breast, which is not consistent with just a head detection for this species.

Considering the heatmap's focus on both the head and the breast, the predicted bird species seems to be a Parakeet Auklet.

Parakeet Auklet

Simulated user 8 answering question 2:

You are 59 years old, your gender is female and your employment status is best described as being a freelancer. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: two white plumes on the face and a thick orange-yellow bill with a prominent pale horn.
- Least Auklets: gray spots around the belly
- Parakeet Auklets: blackish above, white below, with orange bill, and wispy white plumes behind the whitish eye
- Crested Auklets: orange bill with an uptilted gape

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, more specifically its face, bill, and the area just above the bill.

- Rhinoceros Auklet: It could be this species because the focus is on the bill and the area that could represent the pale horn, but there is no clear indication of white plumes.
- Least Auklet: Unlikely, as there are no gray spots around the belly highlighted.
- Parakeet Auklet: Also unlikely, as there is no highlighting around the belly to indicate white plumage, and the emphasis around the bill does not specifically highlight wispy white plumes behind the eyes.
- Crested Auklet: Unlikely because the heatmap doesn't seem to focus on an "uptilted gape" specifically.

Based on the highlighted features of the bill and the area above it, which seems to be crucial in the AI's prediction process:

Rhinoceros Auklet

Simulated user 6 answering question 2:

You are 25 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience

as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Horn on its head
- Least Auklets: white front body
- Parakeet Auklets: white tear like design
- Crested Auklets: feather like thing near its beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head and upper back areas most intensively.

Rhinoceros Auklets are characterized by a horn on the head, but the heatmap doesn't distinctly highlight this part.

Least Auklets are identified by a white front body, which doesn't align with the highlighted areas in the heatmap.

Parakeet Auklets have a white tear-like design, but there isn't a clear indication of this on the heatmap.

Crested Auklets have a feather-like thing near their beak, and since the heatmap highlights the head near the beak, this could be indicative of the Crested Auklet.

Based on these observations, the chosen option is:

Crested Auklet.

Simulated user 42 answering question 2:

You are 25 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: long white line under the eye
- Least Auklets: black and white belly pattern, thin white line directly behind the eye
- Parakeet Auklets: mostly white belly pattern, thick white line directly behind the eye
- Crested Auklets: black belly, prominent feather on the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap is predominantly red around the chest and neck area of the bird, along with a portion of the beak.

- Rhinoceros Auklet: The long white line under the eye isn't highlighted, so it's less likely to be this species.
- Least Auklet: There's no evident highlight on a black and white belly pattern nor a distinct thin white line behind the eye, making it less probable for this species.
- Parakeet Auklet: The focus isn't on a mostly white belly pattern or a thick white line behind the eye, which suggests it may not be this species.
- Crested Auklet: The black belly isn't highlighted, but the red around the beak could indicate the prominent feather, which might suggest this species.

Crested Auklet

Simulated user 7 answering question 2:

You are 30 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: spike in the beak
- Least Auklets: curvy head and spotted belly
- Parakeet Auklets: white eye with a small black dot
- Crested Auklets: Long neck with feather on head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the area around the head, neck, and upper chest of the bird, with a concentration of red on the head, beak, and neck.

For the Rhinoceros Auklet, the model might have focused on the beak, but the spike isn't clearly red in the heatmap.

For the Least Auklet, the curvy head and spotted belly should be highlighted, but the belly isn't visible and the head doesn't seem to have a particularly emphasized curve in the heatmap.

For the Parakeet Auklet, a white eye with a small black dot should be highlighted, yet the area around the eye doesn't seem to be the focal point of the heatmap.

For the Crested Auklet, the long neck with the feather on the head seems most consistent with the highlighted areas, as both the neck and head are red in the heatmap.

Crested Auklet.

Simulated user 41 answering question 2:

You are 28 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have no experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: The Beak
- Least Auklets: Belly
- Parakeet Auklets: Head, Beak, Belly
- Crested Auklets: Head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head and beak of the bird in red.

- It is unlikely a Rhinoceros Auklet since the heatmap does not highlight only the beak.
- It is not a Least Auklet because the belly is not highlighted.
- It is not a Parakeet Auklet because, although the head and beak are highlighted, the belly is not, which is part of the Parakeet Auklet's distinguishing features.
- It could be a Crested Auklet since the heatmap highlights the head which is consistent with the description provided for this species.

Crested Auklet

Simulated user 35 answering question 2:

You are 22 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience

as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: the heatmap focuses on the eye and face area
- Least Auklets: the heatmap focuses on the chest area
- Parakeet Auklets: the heatmap focuses on the face and chest area
- Crested Auklets: the heatmap focuses on the face area

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the face, eye, and chest area of the bird in red.

- Rhinoceros Auklet: Might be due to the focus on the eye and face area.
- Least Auklet: Unlikely because the chest is highlighted, but not exclusively.
- Parakeet Auklet: Possible because both the face and chest areas are in focus.
- Crested Auklet: Less likely due to additional emphasis on the chest, not just the face.

Based on the heatmap, my choice is:

- Parakeet Auklet

Simulated user 27 answering question 2:

You are 35 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Focused on eyes.
- Least Auklets: Focused on stomach and eyes.
- Parakeet Auklets: Focused on upper body, for example eyes, beak etc.
- Crested Auklets: Focused on beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet

- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap is highlighting the upper body of the bird, including the eyes and beak areas primarily in red.

- Rhinoceros Auklets are said to be focused on eyes, but since the beak is also highlighted, this may not be the sole focus of the prediction.
- Least Auklets focus on the stomach and eyes, but the stomach is not the focus here, which likely rules out this species.
- Parakeet Auklets are focused on the upper body including eyes, beak, etc. Since these are the areas highlighted in this heatmap, it is a strong indication for this species.
- Crested Auklets are focused on beak, and although the beak is highlighted, the red area extends beyond just the beak, suggesting it may not be the sole feature of interest.

Based on the heatmap, the focus on the upper body including both the eyes and the beak suggests that the model predicts the bird to be a Parakeet Auklet.

Parakeet Auklet

Simulated user 47 answering question 2:

You are 22 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: facial structural difference
- Least Auklets: chest structural and color difference
- Parakeet Auklets: head and chest combined structural and color differences

- Crested Auklets: head features and lower feathers differences

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head, chest, and throat area of the bird with red color.

- Rhinoceros Auklet: Could be this species if the facial structure is different, but no distinct feature is specified that would confirm this.

- Least Auklet: The chest is highlighted, but not specifically for structural differences, and the color difference is not mentioned, so it's less likely.
- Parakeet Auklet: The combined head and chest structural and color differences could match, as both areas are highlighted.
- Crested Auklet: The head features are emphasized, but there's no specific mention of lower feathers.

Parakeet Auklet.

Simulated user 23 answering question 2:

You are 20 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: White feathers nearby eyes
- Least Auklets: White and grey chest
- Parakeet Auklets: White chest
- Crested Auklets: Long feather nearby eyes

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the chest and eye area of the bird. Specifically, the chest, throat, and region around the eye are prominently red.

- Rhinoceros Auklets are distinguished by white feathers near the eyes, and since the heatmap highlights around the eye, it could suggest this species.
- Least Auklets are described as having a white and grey chest. The chest is highlighted, but without specific color information, it's less clear.
- Parakeet Auklets also have a white chest, matching the highlighted area, making it a possibility.
- Crested Auklets feature long feathers near the eyes. The area around the eyes is highlighted, but the heatmap does not specify feather length.

Considering these points, the image seems to correspond closely with the features of a Rhinoceros Auklet or a Crested Auklet. Given the intensity of the highlight near the eye, I would lean towards the species with a defining feature around the eye.

Crested Auklet.

Simulated user 19 answering question 2:

You are 26 years old, your gender is female and your employment status is best described as being a student. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Dark eyes between white feathers
- Least Auklets: White chest
- Parakeet Auklets: White stripe at eye and white chest
- Crested Auklets: Dark face area

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the face, specifically around the eyes, and the chest of the bird.

- Rhinoceros Auklets are characterized by dark eyes between white feathers, which could align with the highlighted face area, suggesting importance in these features for the model's prediction.
- Least Auklets are known for a white chest, but since the chest isn't the sole focus here, it's unlikely to be this species.
- Parakeet Auklets have a white stripe at the eye and a white chest. There's some emphasis on the eye area, but not a distinct stripe, and the chest is not uniquely highlighted.
- Crested Auklets have a dark face area, and given that the face, particularly around the eyes, is heavily highlighted, it's a good match for the heatmap's focus.

Crested Auklet

Simulated user 10 answering question 2:

You are 22 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Eyes / overall head
- Least Auklets: Primarily stomach and sometimes head & eyes
- Parakeet Auklets: head / eyes and stomach
- Crested Auklets: headS

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head, eyes, and overall head region of the bird in red.

- Rhinoceros Auklets are distinguished by the eyes/overall head, which corresponds to the highlighted areas, making it a potential match.
- Least Auklets are indicated by the stomach and sometimes head & eyes, but the stomach isn't highlighted here, making it less likely.
- Parakeet Auklets are noted for the head/eyes and stomach. While the head and eyes match, the lack of stomach highlights suggests it's not a Parakeet Auklet.
- Crested Auklets are recognized by the heads. The heatmap does highlight the head, but it is more inclusive than just the head, also covering the eyes.

Considering the above, the highlighted features suggest that the bird species predicted by the heatmap is a Rhinoceros Auklet.

Rhinoceros Auklet.

Simulated user 1 answering question 2:

You are 36 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Protuberance in the beak
- Least Auklets: white feathers in chest
- Parakeet Auklets: orange beak, no feather in the beak
- Crested Auklets: orange beak with feather

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's head, beak, and chest area.

Rhinoceros Auklets are characterized by a protuberance in the beak, but there is no distinct emphasis in the heatmap on such a feature, so it's unlikely this species was predicted.

Least Auklets have white feathers on the chest, and the heatmap does include the chest area. However, the focus seems to be more on the beak and head region overall.

Parakeet Auklets are known for an orange beak without feathers, and while the heatmap does highlight the beak area, it seems to include the area where a feather might be present in other species, such as the Crested Auklet.

Crested Auklets have an orange beak with a feather, and the heatmap is concentrated on both the beak and the area where a crest might be present, indicating that this might be the predicted species.

Crested Auklet.

Simulated user 18 answering question 2:

You are 29 years old, your gender is male and your employment status is best described as being unemployed. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: white lines above and under eyes
- Least Auklets: speckled chest
- Parakeet Auklets: white line at eye, white chest
- Crested Auklets: bright orange beak, neck curved inward slightly

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak and the upper chest/neck area.

Rhinoceros Auklet: The white lines above and under the eyes are not highlighted, suggesting it's not this species.

Least Auklet: A speckled chest is a feature, but the heatmap does not focus on the chest area; thus, it's unlikely this species.

Parakeet Auklet: Features a white line at the eye and a white chest, neither of which are highlighted by the heatmap.

Crested Auklet: A bright orange beak and a neck curved inward slightly are highlighted, aligning with this bird's characteristics.

Crested Auklet.

Simulated user 33 answering question 2:

You are 21 years old, your gender is male and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: head features (two stripes behind the eye, small "horn" above the beak)
- Least Auklets: black and white freckled belly, sometimes the ONE white stripe behind the eye
- Parakeet Auklets: white belly with fade on top, longer beak
- Crested Auklets: loose feather on top of the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head of the bird, with strong emphasis on features like two stripes behind the eye and a small prominence above the beak.

- Rhinoceros Auklets are identified by head features such as two stripes behind the eye and a small "horn" above the beak, all of which are highlighted, making it a likely match.
- Least Auklets have a black and white freckled belly and sometimes one white stripe behind the eye, but the heatmap does not emphasize the belly or just one stripe, so it's less likely.
- Parakeet Auklets have a white belly with a fade on top and a longer beak. The heatmap does not highlight a white belly or beak length, so it's unlikely this species.
- Crested Auklets have a loose feather on top of the beak; this is not highlighted in red, making it an unlikely option.

Rhinoceros Auklet

Simulated user 29 answering question 2:

You are 23 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and some experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an

explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: The white part above the beak
- Least Auklets: The back eye area, and white belly.
- Parakeet Auklets: White eye, and white belly (Front of the bird)
- Crested Auklets: The orange beak, and overall head. The feather on top of the head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the orange beak, the overall head of the bird, and the feather on top of the head, with these areas predominantly marked in red.

- Rhinoceros Auklets are characterized by the white part above the beak, which is not highlighted, so it's unlikely this species.
- Least Auklets have distinct regions at the back eye area, and white belly, which are not highlighted, suggesting it's not this species either.
- Parakeet Auklets are known for a white eye and white belly, but these areas do not appear to be the focus of the heatmap.
- Crested Auklets have an orange beak and an emphasis on the overall head, along with a top feather, which align with the highlighted features in the heatmap.

Considering the highlighted features, the species predicted by the AI model is likely the Crested Auklet.

Crested Auklet

Simulated user 34 answering question 2:

You are 23 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: eyes
- Least Auklets: belly
- Parakeet Auklets: head and belly
- Crested Auklets: head and beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet

- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap prominently highlights the head and the beak of the bird, with the most intense coloration appearing across the head and the upper beak region.

- Rhinoceros Auklet: This species is characterized by the eyes being a key feature, but the eyes are not the most highlighted part in the heatmap.
- Least Auklet: The belly is a determining feature, yet the heatmap does not emphasize the belly area.
- Parakeet Auklet: This bird's identification relies on the head and belly, but again, the belly isn't highlighted, leaving us uncertain.
- Crested Auklet: The focus is on the head and beak, which matches perfectly with the heatmap's most intense areas.

Based on the heatmap analysis and the feature descriptions provided, the predicted species would be:

Crested Auklet

Simulated user 22 answering question 2:

You are 28 years old, your gender is male and your employment status is best described as being unemployed. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: distinguished two white lines above and under the eye

- Least Auklets: gray white textured areas
- Parakeet Auklets: white line starting right behind the eye
- Crested Auklets: erected feather over the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the following areas of the bird: the head region, particularly around the eye, over the beak, and extending towards the back of the head.

1. Rhinoceros Auklet - It might not be this species because the two white lines above and under the eye are not distinguished by the heatmap.
2. Least Auklet - The absence of highlighted gray white textured areas on the body makes it less likely to be this species.
3. Parakeet Auklet - Could be this bird since the white line starting right behind the eye seems to be highlighted.
4. Crested Auklet - The erected feather over the beak is emphasized by the heatmap, suggesting it might be this species.

Crested Auklet

Simulated user 32 answering question 2:

You are 29 years old, your gender is male and your employment status is best described as being a student. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Shape of the head. White feathers stripe behind the eyes and the beak.
- Least Auklets: Colors of the chest plumage. Overall Shape.
- Parakeet Auklets: White feathers stripe behind the eyes. Colors of the chest plumage.
- Crested Auklets: Shape of the beak / head. Colors of the head feathers.

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the head, especially the shape of the head, the white feather stripe behind the eyes, and the beak. Based on the descriptions:

- Rhinoceros Auklet: Likely, because the shape of the head and the area around the beak and the white feathers stripe behind the eyes are highlighted.
- Least Auklet: Unlikely, as the chest plumage and overall shape are not specifically highlighted.
- Parakeet Auklet: Unlikely, chest plumage colors are not specifically highlighted, though the white feathers stripe is.
- Crested Auklet: Unlikely, as there's no specific emphasis on the colors of the head feathers, just the shape of the head and beak.

Rhinoceros Auklet

Simulated user 4 answering question 2:

You are 33 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any. Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: Beak and eye
- Least Auklets: Breast
- Parakeet Auklets: Beak, eye, breast
- Crested Auklets: Head

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak, eye, and head.

For the Rhinoceros Auklet, the beak and eye are important features, which matches the heatmap, but the head is not specific to this species according to the given information. For the Least Auklet, the breast should be highlighted, but it's not. The Parakeet Auklet should have the beak, eye, and breast highlighted; the heatmap does not show the breast as a significant area. The Crested Auklet is indicated by the head being a feature, which aligns with the heatmap but it's not exclusive since the beak and eye are highlighted as well, and they're not mentioned for the Crested Auklet.

Rhinoceros Auklet

Simulated user 48 answering question 2:

You are 44 years old, your gender is female and your employment status is best described as neither retired, studying, unemployed, or working. With machine learning models and intelligent agents, you have some experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: short feather at beak, eye region
- Least Auklets: breast area (form and colouring of the feathers), eye region
- Parakeet Auklets: breast and eye area (white stripe from eye)
- Crested Auklets: long feather at beak and white stripe from the eye

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak area, eye region, and the breast area.

- Rhinoceros Auklet: Could be a match due to the highlighted short feather at the beak and eye region.
- Least Auklet: The breast area is highlighted, but without specifics on form and colouring, it's less likely.
- Parakeet Auklet: Unlikely, because there is no distinct white stripe from the eye highlighted.
- Crested Auklet: Possible due to long feather at the beak, but the white stripe from the eye is not clear.

Based on the highlighted features in the heatmap, my conclusion is:

Rhinoceros Auklet

Simulated user 21 answering question 2:

You are 24 years old, your gender is female and your employment status is best described as working full-time. With machine learning models and intelligent agents, you have no experience as a user and no experience as a developer. You are confronted with a user study survey. Give answers in tune with your personality and previous answers if there are any.

Attached is an image that consists of two sub - images. The top of the given image displays the original image of a bird and the bottom displays the same image combined with a heatmap that was generated by an explainable artificial intelligence XAI model to predict the species. You think the model distinguishes the four possible species classes based on the following features if they are highlighted red by the heatmap:

- Rhinoceros Auklets: dark eyes
- Least Auklets: spotted breast and black beak
- Parakeet Auklets: spotted breast and red beak
- Crested Auklets: feathers over the beak

Based on the descriptions and the areas highlighted by the heatmap, what bird species do you think was predicted for the given image? For your answer, choose one of the following options:

- Rhinoceros Auklet
- Least Auklet
- Parakeet Auklet
- Crested Auklet

First describe all areas of the bird that are highlighted by the heatmap. Finally, explain for each given bird description why it could be this bird species or why not. Conclude your answer by stating only the chosen option in the last line of your response. Keep the token limit low.

The heatmap highlights the bird's beak and breast area, as well as a section above the beak.

1. Rhinoceros Auklets: The dark eyes of the bird aren't specifically highlighted, so it seems unlikely this species was predicted.
2. Least Auklets: The heatmap does not emphasize a spotted breast or a black beak, suggesting this species is not the prediction.
3. Parakeet Auklets: The bird in the heatmap has a red area where the beak is, aligning with the red beak description, but there's no clear indication of a spotted breast.
4. Crested Auklets: The heatmap highlights an area above the beak, which may correspond to the feathers over the beak mentioned in their description.

Based on the heatmap's focus areas, I conclude the predicted species is:

Crested Auklet.