

# Explainability Report

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## Prediction

**Model:** dog\_cat

**Prediction:** Dog

**Confidence:** 0.9986



## Grad-CAM



(OpenAI unavailable) Grad-CAM highlights the spatial regions in the image that contributed most strongly to the model's predicted class. Brighter / warmer areas indicate higher influence on the classification result. Inspect whether the highlighted region corresponds to meaningful object parts or spurious background.

# SHAP



(OpenAI unavailable) Grad-CAM highlights the spatial regions in the image that contributed most strongly to the model's predicted class. Brighter / warmer areas indicate higher influence on the classification result. Inspect whether the highlighted region corresponds to meaningful object parts or spurious background.

## Comparison

(OpenAI unavailable) Grad-CAM highlights the spatial regions in the image that contributed most strongly to the model's predicted class. Brighter / warmer areas indicate higher influence on the classification result. Inspect whether the highlighted region corresponds to meaningful object parts or spurious background.

## Fidelity

```
{  
  "ssim": 0.88  
}
```

## Robustness

```
{  
  "var": 0.2  
}
```

## Combined Interpretation

(OpenAI unavailable) Grad-CAM highlights the spatial regions in the image that contributed most strongly to the model's predicted class. Brighter / warmer areas indicate higher influence on the classification result. Inspect whether the highlighted region corresponds to meaningful object parts or spurious background.

This report was autogenerated. Interpretations are algorithmic and should be validated by domain experts.