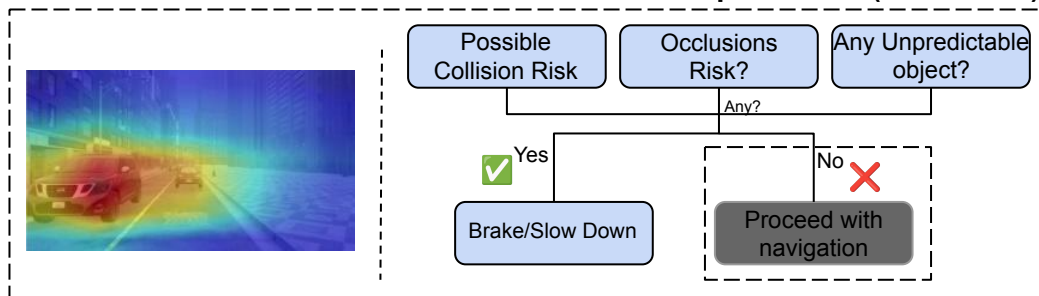


Stage 5: Explanations & Reasoning (Chain-of-Thought)

GradCAM explanations (Qualitative)



PRIMEDrive-CoT - Metrics (Quantitative)

Front view



GT CoT:

Output_traffic_light_status - No need to brake, ego vehicle nears a green light

Output_lane_info - The number of lanes in the same direction as ours, excluding our lane, are 0 to the left and 0 to the right. There are also 1 lanes moving in the reverse direction.

Output_stop_sign_status - The ego vehicle's path is not hindered by a stop sign ahead.