TASK:
" Semantic Segmentation for Autonomous Driving "

Inputs

Output

DILLEMA

Step 1 - with CM
Image Captioning

CAPTION:
" A street with a grey car. The street is foggy and dark "

Step 2 - with LLM
Keywords Identification

KEYWORDS:
["grey car" , "foggy" , "dark"]

Step 3 - with LLM
Alternatives Identification

ALTERNATIVES:
{ "grey car" : ["white car"], "foggy" : ["snowy"], "dark" : ["light", "bright"] }

Step 4 - with LLM
Counterfactual Caption Generation

COUNTERFACTUAL CAPTION:
"A road with a white car. The street is snowy and lot of sunlight"

Step 5 - with DM
Counterfactual Image Generation