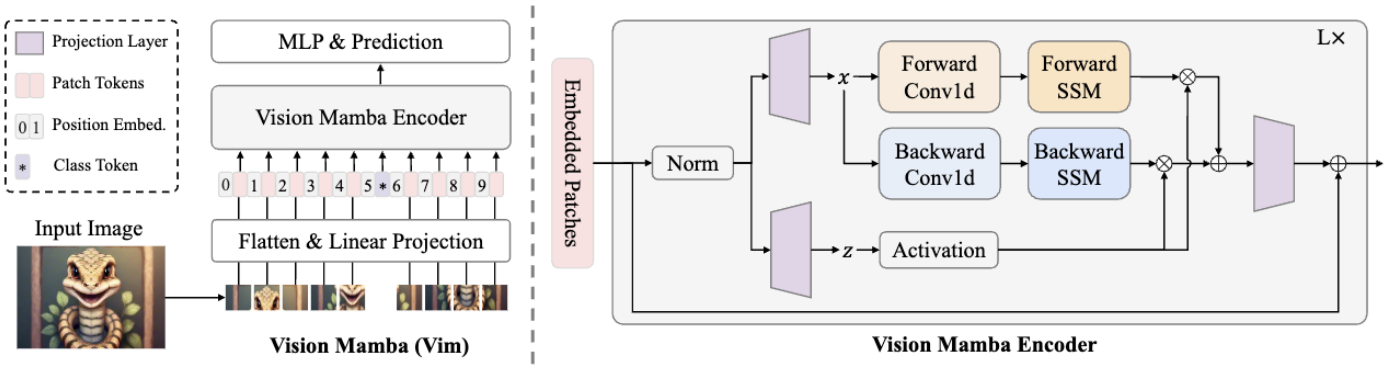
Transformer in CV

MEGALODON

https://arxiv.org/pdf/2404.08801.pdf

Vision Mamba

https://github.com/hustvl/Vim/



Vision Transformer?ViT

https://github.com/huggingface/pytorch-image-models/blob/main/timm/models/vision_transformer.py

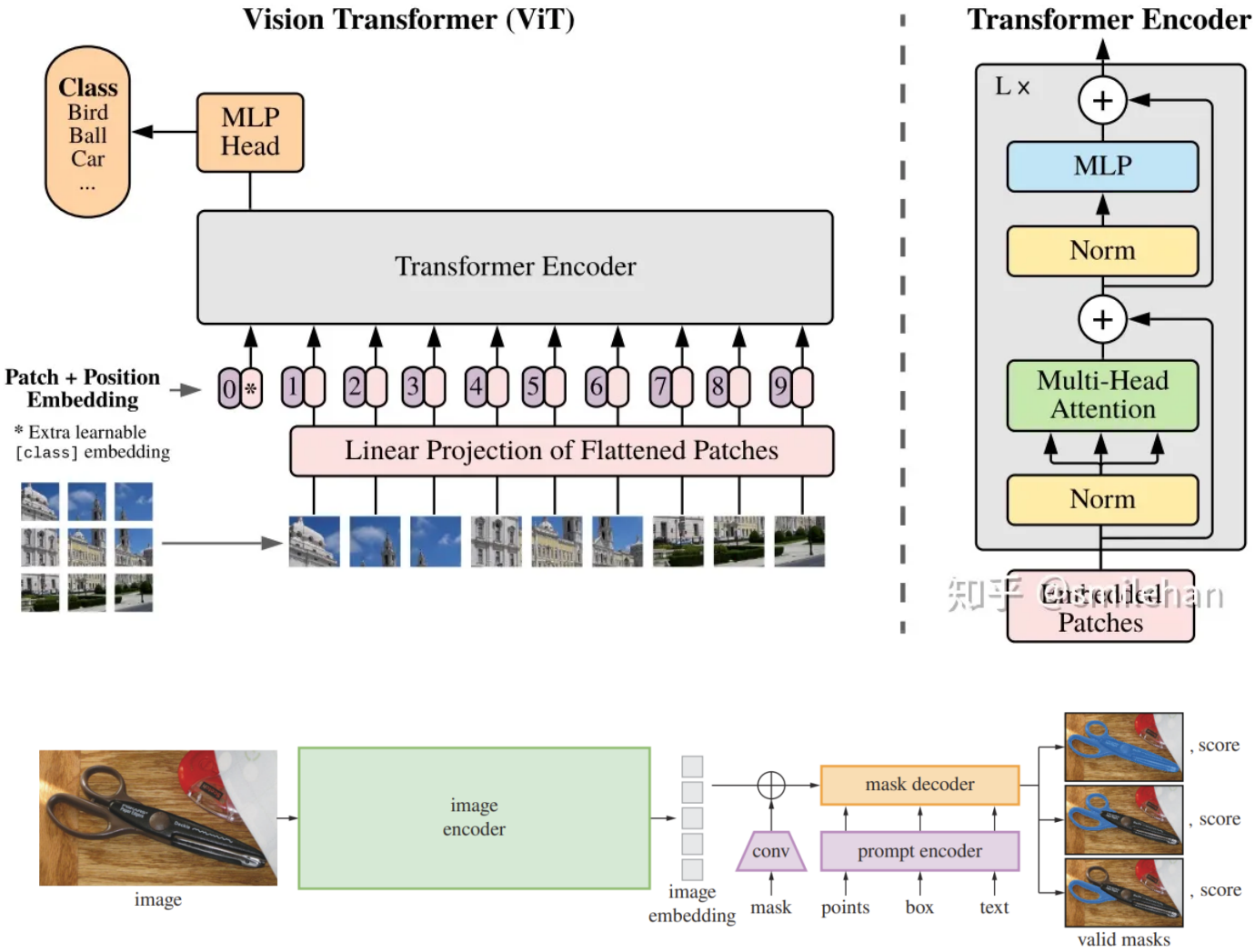
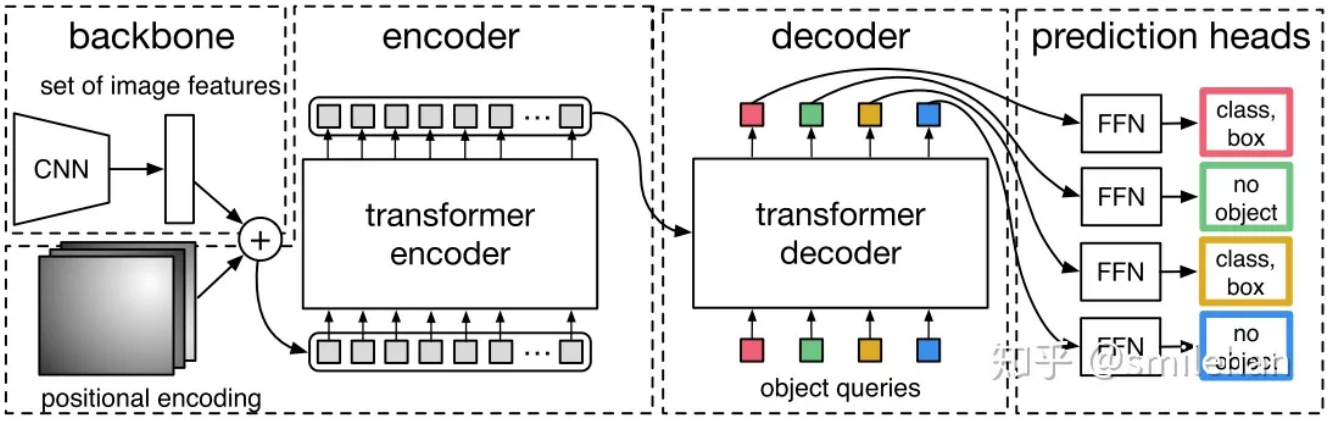
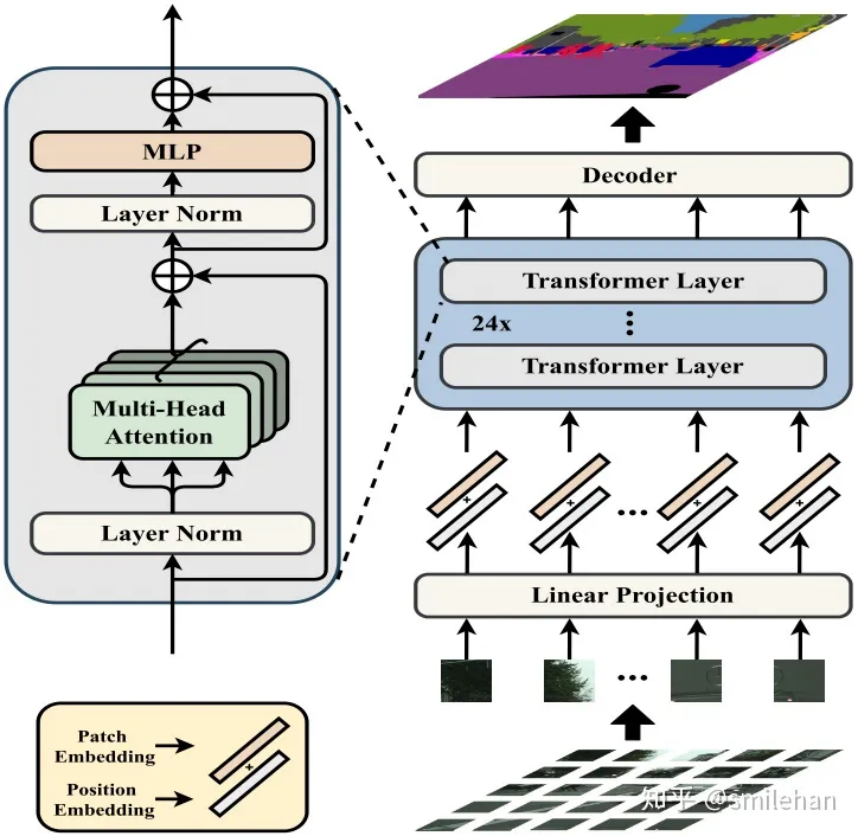


Figure 4: Segment Anything Model (SAM) overview. A heavyweight image encoder outputs an image embedding that can then be efficiently queried by a variety of input prompts to produce object masks at amortized real-time speed. For ambiguous prompts corresponding to more than one object, SAM can output multiple valid masks and associated confidence scores.

DEtection TRansformer?DETR



SEgmentation TRansformer?SETR



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