

# Prompting as Code Material

## The three settings we explore for in-context learning

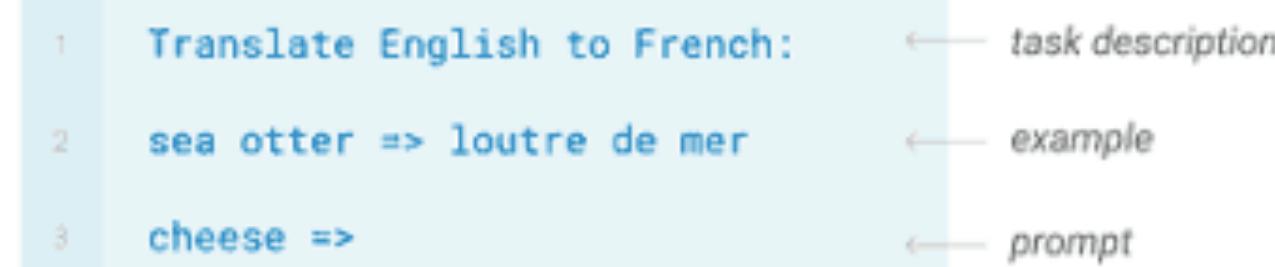
### Zero-shot

The model predicts the answer given only a natural language description of the task. No gradient updates are performed.



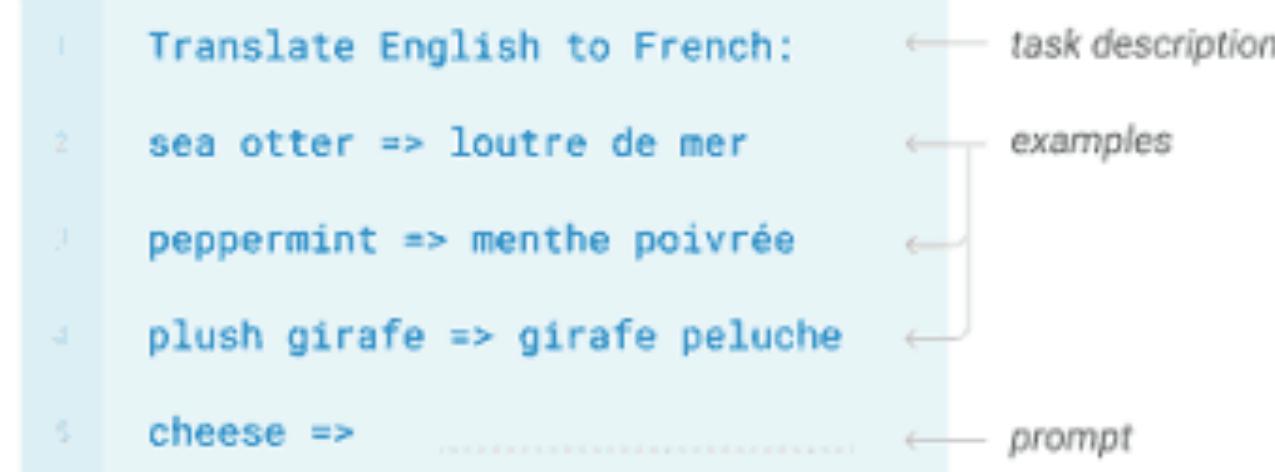
### One-shot

In addition to the task description, the model sees a single example of the task. No gradient updates are performed.



### Few-shot

In addition to the task description, the model sees a few examples of the task. No gradient updates are performed.



## Traditional fine-tuning (not used for GPT-3)

### Fine-tuning

The model is trained via repeated gradient updates using a large corpus of example tasks.



## Playground

  Save View code Share

a uncanny poem about the fall of humanity and the rise of monsters.



The world was once a paradise

But now it is a nightmare

The skies are dark and filled with blood

The earth is trembling with fear

The humans are now the monsters

And the monsters are now the kings

The only thing left is destruction

And the only thing left to do is scream

Mode



Model

Temperature

0.7

Maximum length

256

Stop sequences

Enter sequence and press Tab



Top P

1



Frequency penalty

0



Presence penalty

0



Best of

1



Inject start text



Inject restart text



Show probabilities

1

 Submit

8

framing

film type

shoot context

A close-up, black & white studio photographic portrait of SUBJECT, dramatic backlighting, 1973 photo from Life Magazine

year & usage context

lighting prompt

vibe prompt

framing

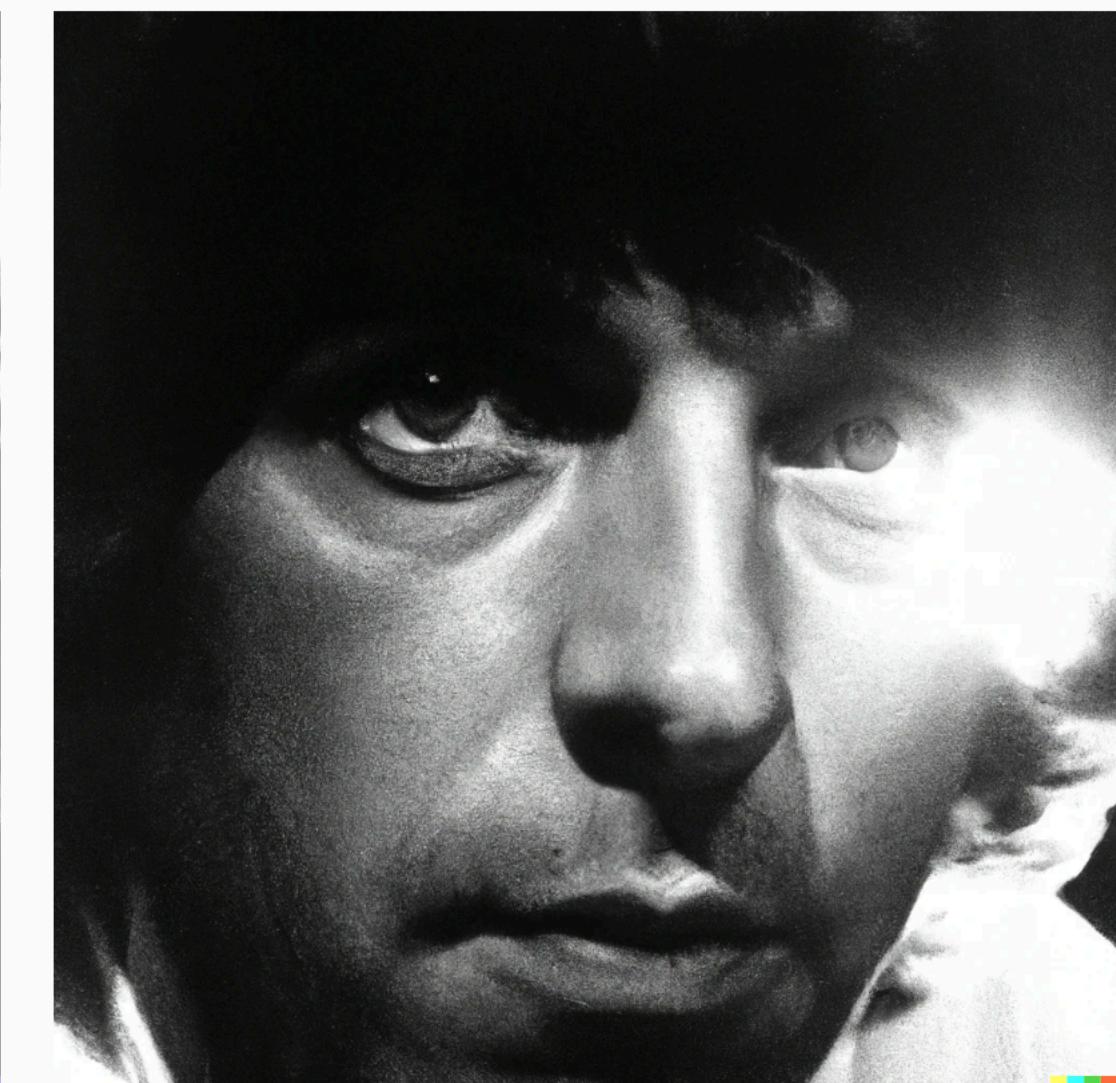
shoot context

lighting prompt

A vibrant photograph of SUBJECT, wide shot, outdoors, sunset photo at golden hour, wide-angle lens, soft focus, shot on iPhone 6, on Flickr in 2007

lens & camera prompt

year & usage context







NovelAI  
Eating Raman



Salmon



Salmon Swimming

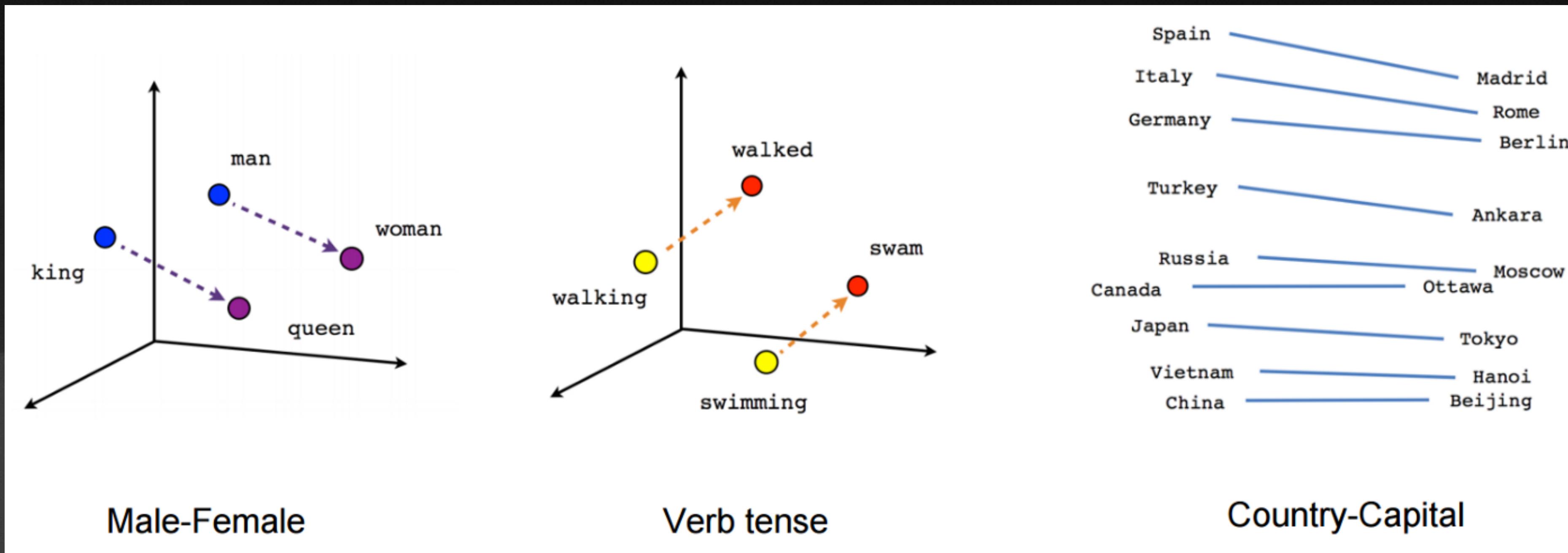


Salmon Floating



Salmon On The Tree

# Word Embedding



# Salmon Swimming in the River



Dall-E



MidJourney



Stable Diffusion



1. A young woman is sitting on a bench in a park, reading a book. She looks happy and content.

2. A group of friends are sitting around a table in a coffee shop, laughing and chatting. They look happy and relaxed.

3. A man is standing on a stage, speaking into a microphone. He looks confident and enthusiastic.

4. A woman is sitting at a desk, working on a laptop. She looks focused and concentrated.

5. A group of people are gathered around a campfire, singing and chatting. They look happy and relaxed.

6. A man is walking down a busy street. He looks rushed and stressed.

7. A woman is lying on a beach, sunbathing. She looks happy and relaxed.

8. A group of friends are sitting around a table, playing cards. They look happy and relaxed.

9. A man is sitting in a park, eating a sandwich. He looks content and happy.

10. A woman is standing in front of a group of people, giving a presentation. She looks confident and enthusiastic.



[shorturl.at/begoW](https://shorturl.at/begoW)