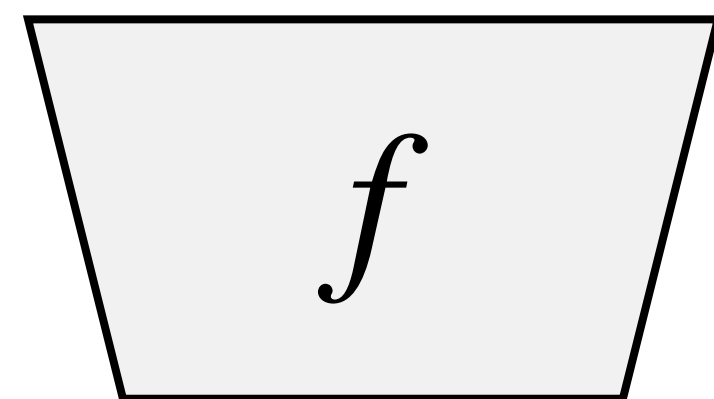
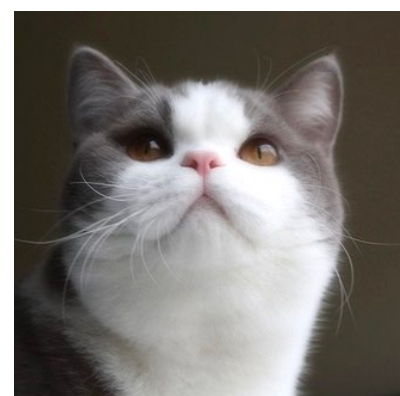
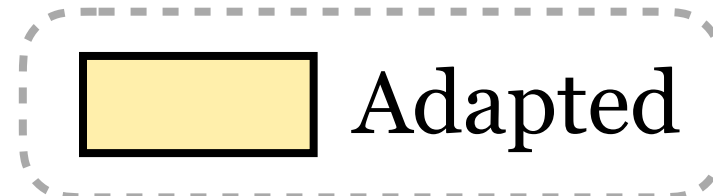


Pre-training

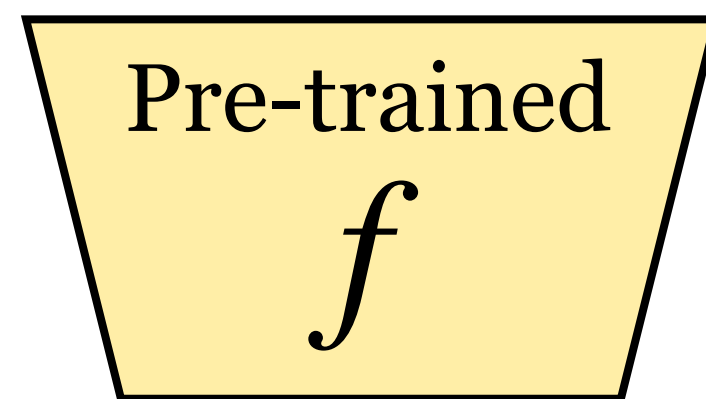


Cat
Dog
Mug
Hat

Adapting to New Tasks

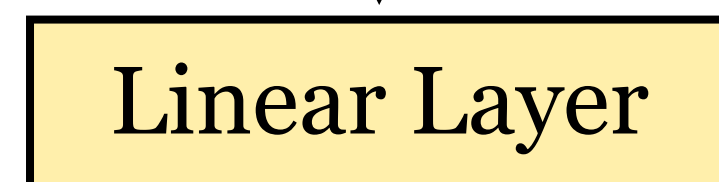
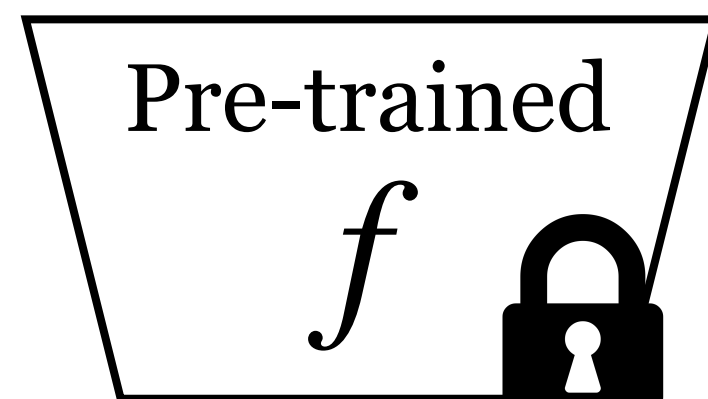


(a) Fine-tuning



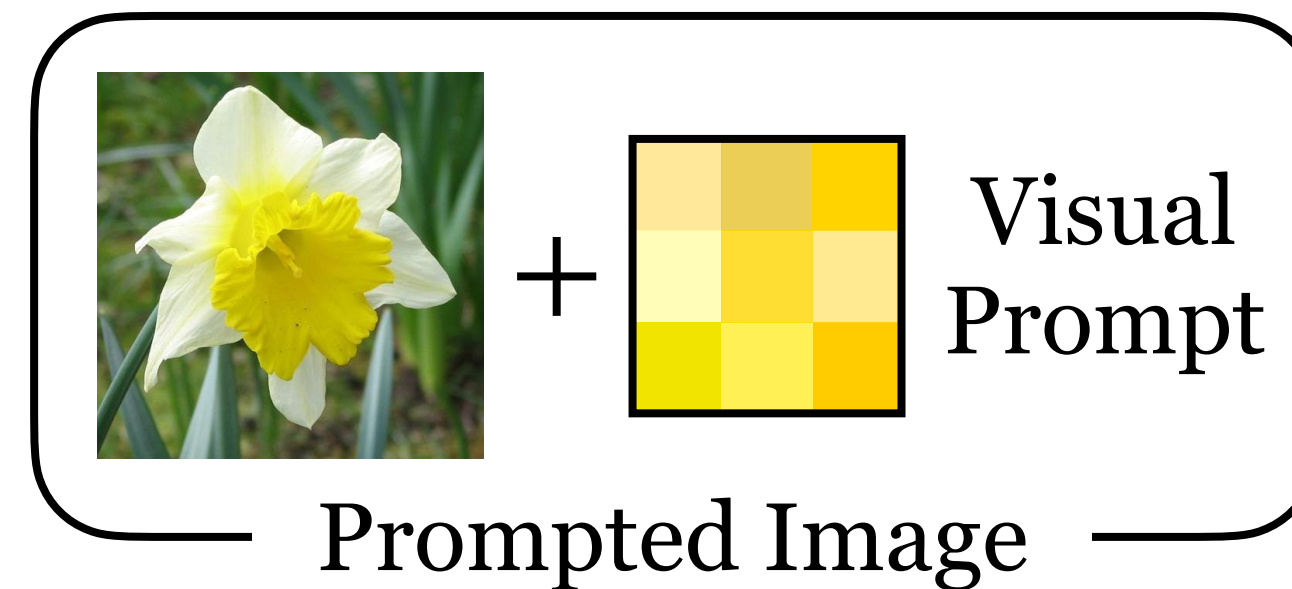
Daffodil
Rose
Tulip
Iris

(b) Linear Probe



Daffodil
Rose
Tulip
Iris

(c) Visual Prompting



Daffodil
Rose
Tulip
Iris

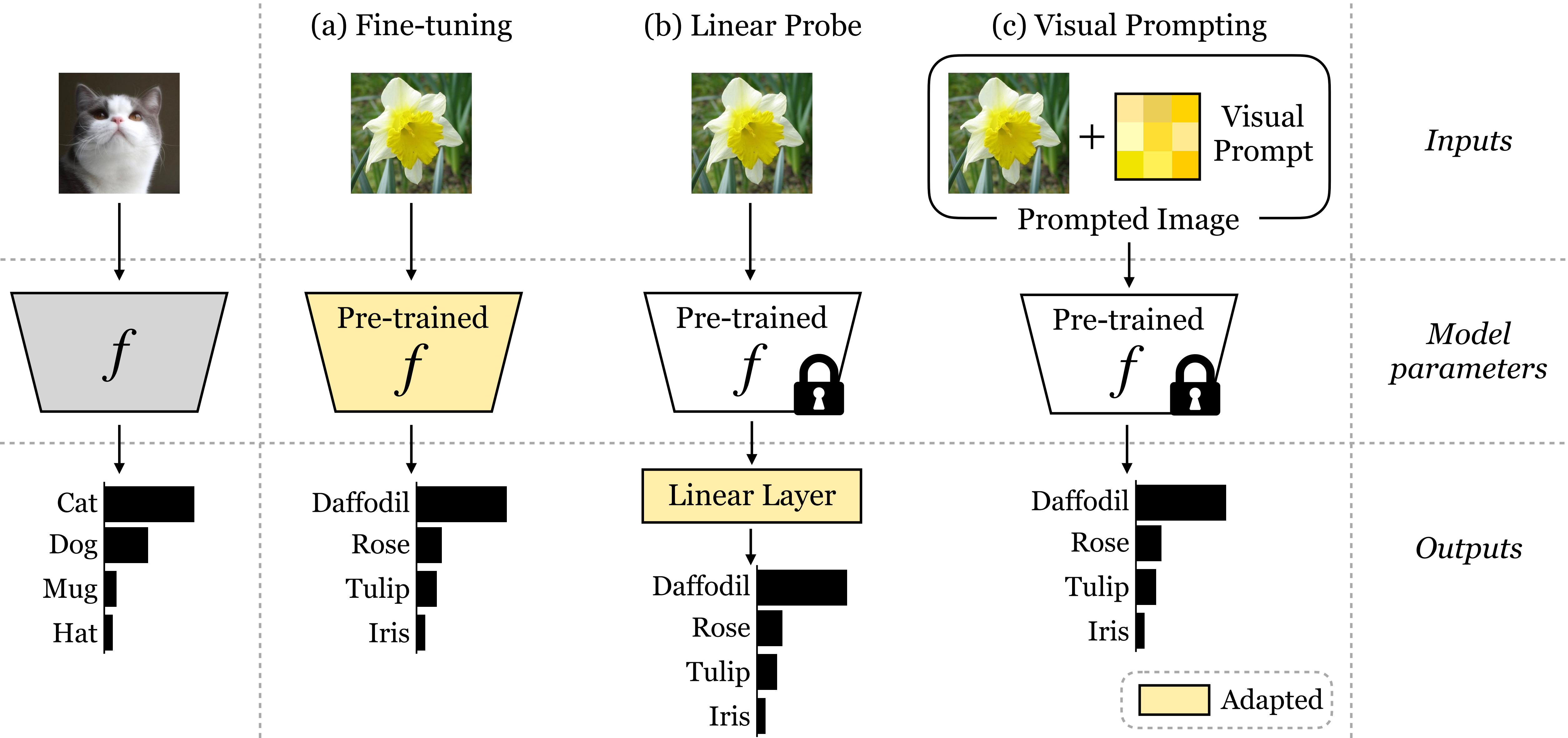
Inputs

*Model
parameters*

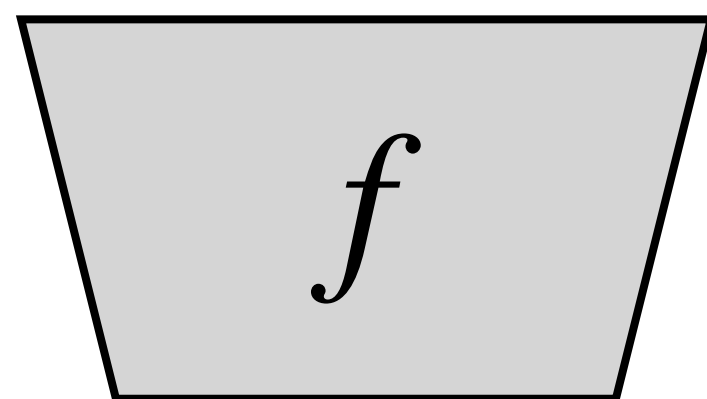
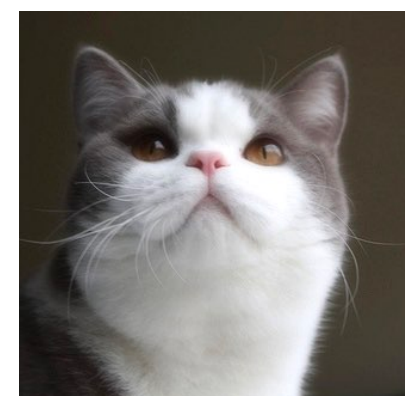
Outputs

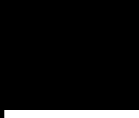
Pre-training

Adapting to New Tasks



Pre-training

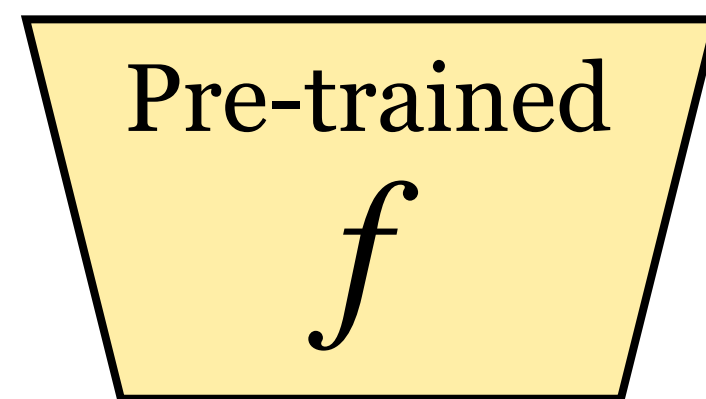


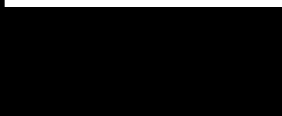

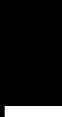
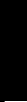
Cat 
Dog 
Mug 
Hat 

Adapting to New Tasks

 Adapted

(a) Fine-tuning






Daffodil 
Rose 
Tulip 
Iris 

(b) Linear Probe

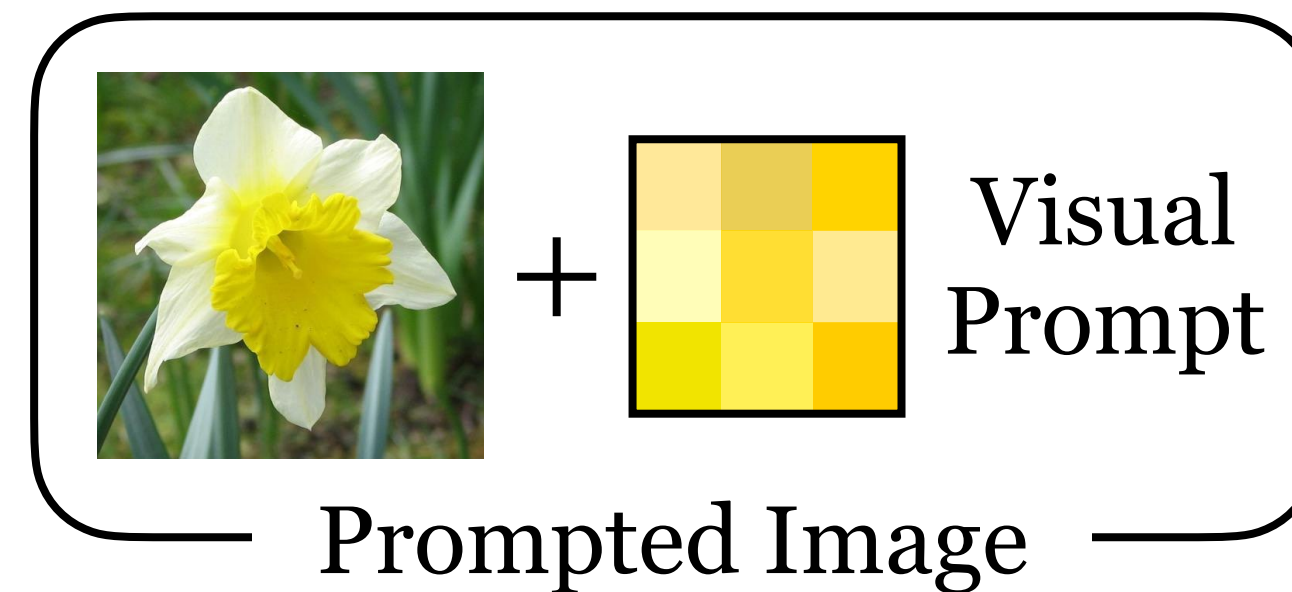


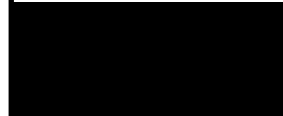



Linear Layer



Daffodil 
Rose 
Tulip 
Iris 

(c) Visual Prompting



Daffodil 
Rose 
Tulip 
Iris 

Inputs

*Model
parameters*

Outputs

Pre-training

Adapting to New Tasks

(a) Fine-tuning

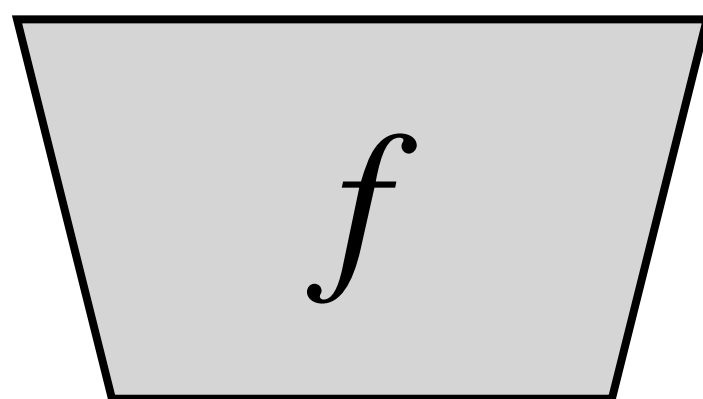
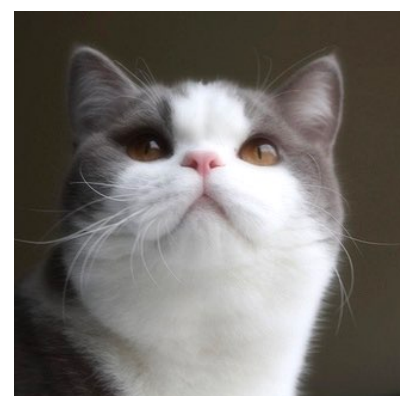
(b) Linear Probe

(c) Visual Prompting

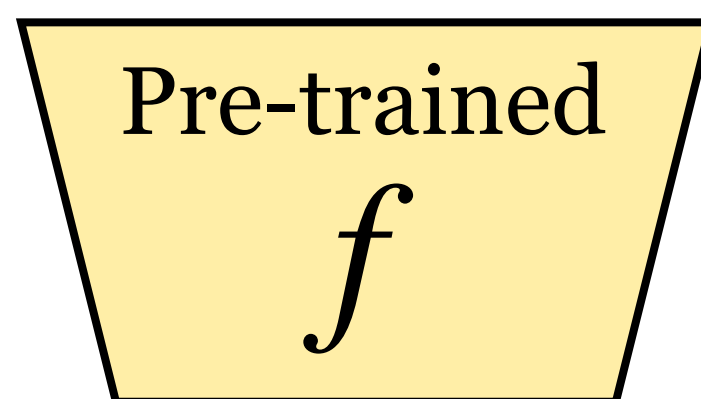
Inputs

Model parameters

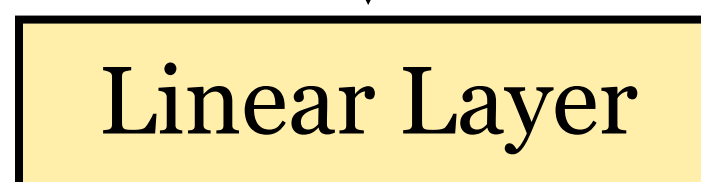
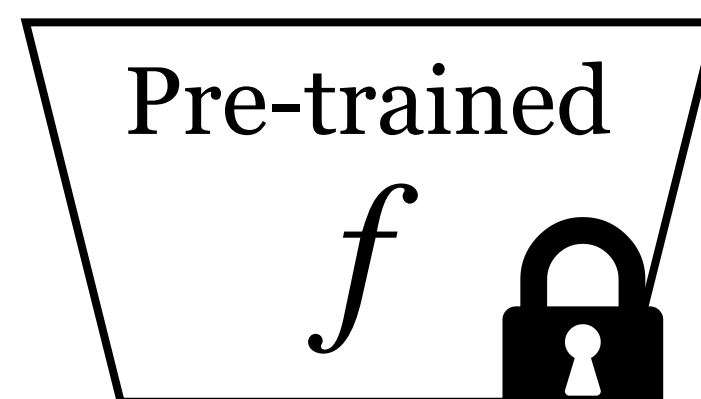
Outputs



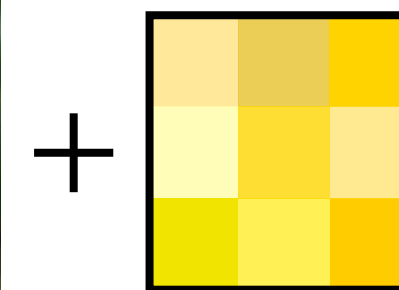
Cat
Dog
Mug
Hat



Daffodil
Rose
Tulip
Iris



Daffodil
Rose
Tulip
Iris



Visual
Prompt

Prompted Image



Daffodil
Rose
Tulip
Iris