

# Model Saving and Loading

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## Introduction

`torch.save()`

- Recommended to save only state dict
- Dictionary with layers and corresponding parameters
- Only learnable parameters and registered buffers (batchnorm) are saved

`torch.load_state_dict()`

- Loads the state dictionary

```
model = TheModelClass(*args, **kwargs)
model.load_state_dict(torch.load(PATH))
model.eval()
```

`torch.load()`

- Can load a complete model incl. parameters (recommended not to use)

```
torch.save(model.state_dict(), PATH)
```