

Tensors are multidimensional arrays

| Data | Tensor |
|-----------------|--|
| Vector data | 2D tensors of shape (samples, features) |
| Timeseries data | 3D tensors of shape (samples, timesteps, features) |
| Images | 4D tensors of shape (samples, height, width, channels) |
| Video | 5D tensors of shape (samples, frames, height, width, channels) |

Deep learning is
“chained geometric
transformation learning”

