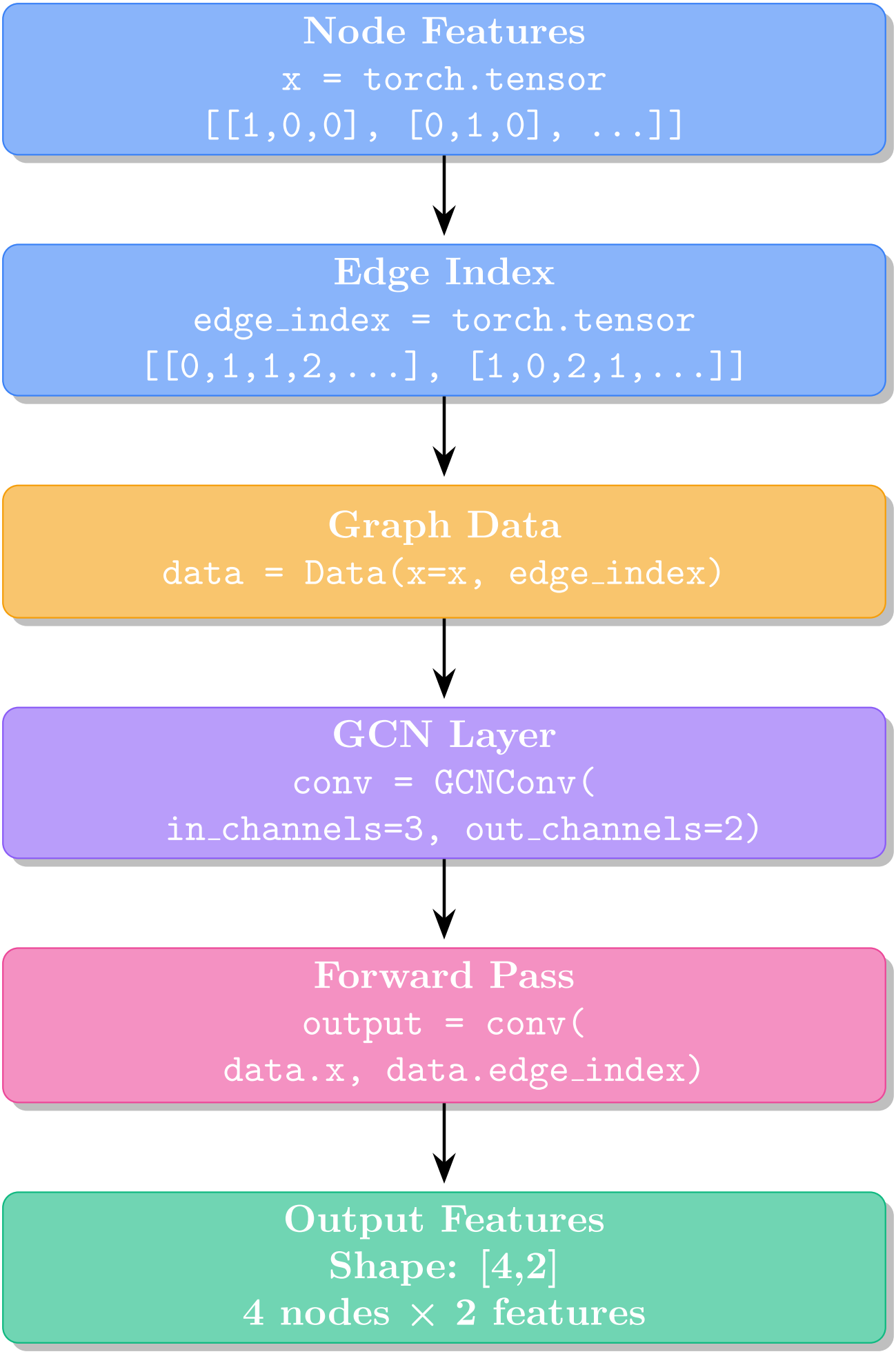
Node Features
x = torch.tensor
[[1,0,0], [0,1,0], ...]]
Edge Index
edge_index = torch.tensor
[[0,1,1,2,...], [1,0,2,1,...]]
Graph Data
data = Data(x=x, edge_index)
GCN Layer
conv = GCNConv(
in_channels=3, out_channels=2)
Forward Pass
output = conv(
data.x, data.edge_index)
Output Features
Shape: [4,2]
4 nodes × 2 features