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1. Install torch_geometric

2. Create a small graph

- Creates a small feature matrix for the nodes

  - 6 nodes

  - Each node has simple features

3. Define edges to show connections

4. Makes the graph undirected by adding both directions

5. Prepare data using Data object

6. Creates labels for each node (0 = benign, 1 = malicious).

7. Combines features, edges, and labels

8. Build a GraphSAGE model (2 layers)

9. Train the model for 200 epochs

10. Computes loss and updates weights.

11. Makes predictions for all nodes.

12. Print predictions for each node