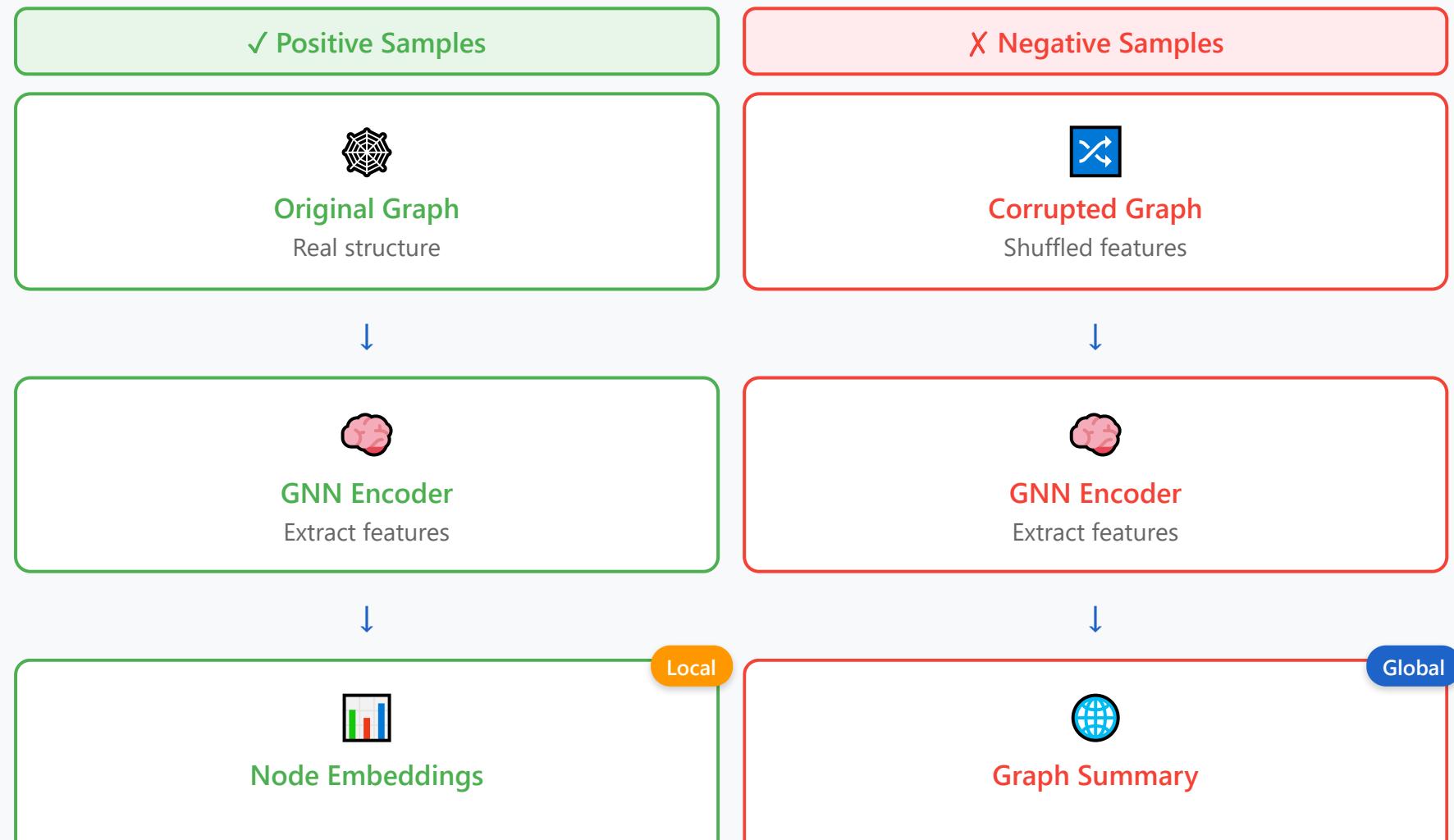


# Deep Graph Infomax (DGI)

Self-Supervised Graph Representation Learning

## Contrastive Learning Architecture



 **Objective: Maximize Mutual Information**

Maximize MI between local node embeddings and global graph summary

**Self-Supervised**

Learn from graph structure alone

**No Labels Needed**

Unsupervised training approach

**Transfer Learning**

Apply to downstream tasks