How to build NetVec:
1. Build Galois:
SRC_DIR=`pwd` # Or top-level Galois source dir
BUILD_DIR=<path-to-your-build-dir>
mkdir -p $BUILD_DIR
cmake -S $SRC_DIR -B $BUILD_DIR -DCMAKE_BUILD_TYPE=Release

2. Dependencies
    a. A modern C++ compiler compliant with the C++-17 standard (gcc >= 7,
    Intel >= 19.0.1, clang >= 7.0)
    b. CMake (>= 3.13)
    c. Boost library (>= 1.58.0, we recommend building/installing the full library)
    d. libllvm (>= 7.0 with RTTI support)
    e. libfmt (>= 4.0)
After this step:

Your executable file is in Galois/build/lonestar/netvec
In order to run the code you have to build netvec using
Make -j

For node classification task run:
./netvec true ../../../../data/cora_hgraph.txt ../../../../data/cora_feat.txt ../../../../data/embeddings.tsv
2 1

And evaluate in the test folder using:
python run.py ../Galois/build/lonestar/netvec/embedding.txt

For link prediction task run:
./netvec false ../../../../data/hyperedgePrediction/trainpos.txt
../../../../data/hyperedgePrediction/embeddings.tsv
../../../../data/hyperedgePrediction/embeddings.tsv 2 2

And evaluate it using:
python linkprediction.py ../../Galois/build/lonestar/netvec/embedding.txt

This is the results of dataset cora for node classification and gps for hyperedge prediction. All the datasets are public and you can
download them.
The format of the input is:
#hyperedges #nodes
node1 node2 … //node id that are in hyperedge 1
node1 node2 … //node id that are in hyperedge 2
There should be #hyperedges+1 rows in the input file.