

Max connections? > Complete graph, every node connected

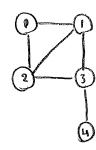
| V|2- |V| = |E| For #edges in both directions

Weight cost to travel edge (Think distance)

Node {
 T data
 * neighbors

}

How to store as array



Sparse

> Less connections

Dense

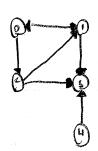
+ More connections

Undirected

> Both directions defaut

Vs Directed

> Some 1-way, others 2-way



| | ۵ | 1 | 2 | 3 | 4 |
|---|---|----------------|---|---|----|
| Q | 9 | 1 | 1 | 0 | ۵ |
| 1 | 1 | 0 | 0 | 1 | 9 |
| 2 | 0 | 1 | 0 | 1 | 0 |
| 3 | 0 | Q ₁ | ۵ | 0 | 0 |
| ч | 0 | 0 | 0 | 1 | 0. |