

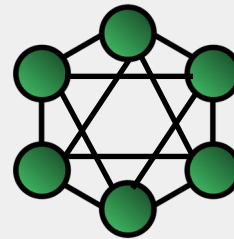
Two Important Network Properties

1. Clustering Coefficient: CC

$\Pr(\text{A-B edge, given an A-C edge and a C-B edge})$

2. Path Length of shortest path

- Extended Ring graph: high CC, long paths



- Random graph: low CC, short paths

- Small World Networks: high CC, short paths

