Introduction to Graphs

Graphs are objects with vertices and edges.

We write this as $G = (V, E)$, so V is the set of vertices and E is the set of edges.
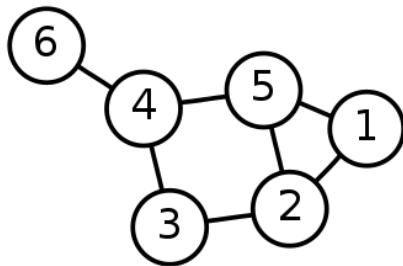
Every edge is an un-ordered pair of vertices.

Figure : Graph with 6 vertices, public domain figure taken from
https://en.wikipedia.org/wiki/Graph_(discrete_mathematics),