**Differences b/w Undirected and directed Graph :**

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| --- | --- |
| **Undirected** | **Directed** |
| Set of vertices connected pairwise by edges | Set of vertices connected pairwise by **Directed** edges |
| We check for a cycle | We check for a Directed cycle |
| Follows Reflexive and Transitive relations | Doesn’t follow reflexive and Transitive Relations |
| Ex : Social relationships, Neural Networks | Ex : Control Flow, Infectious disease |
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