Difference between Graph and Tree:

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| No. | Graph | Tree |
| 1 | It is a non-linear data structure. | It is also a non-linear data structure. |
| 2 | A graph is a set of vertices/nodes and edges. | A tree is a set of nodes and edges. |
| 3 | In the graph, there is no unique node which is known as root. | In a tree, there is a unique node which is known as root. |
| 4 | Each node can have several edges. | Usually, a tree can have several child nodes, and in the case of binary trees, each node consists of two child nodes. |
| 5 | Graphs can form cycles. | Trees cannot form a cycle. |