

Tree Review

<1 min

Trees are useful for modeling data that has a hierarchical relationship which moves in the direction from parent to child. No child node will have more than one parent.

To recap some terms:

- root: A node which has no parent. One per tree.
- parent: A node which references other nodes.
- child: Nodes referenced by other nodes.
- sibling: Nodes which have the same parent.
- leaf: Nodes which have no children.
- level: The height or depth of the tree. Root nodes are at level 1, their children are at level 2, and so on.

Instructions

That was a lot of theory! Trees are beneficial and you'll find they come up all the time as a useful way of modeling hierarchical data.