

What are Abstract Contracts?



- Contains at least one function without implementation.
- Abstract contracts cannot be deployed directly.
- They are used as base contracts for other contracts.
- Abstract contracts can contain:
 - Implemented functions
 - Unimplemented (abstract) functions
 - State variables
- Child contracts must implement all abstract functions to become deployable.



Why Do We Use Abstract Contracts?



- To define common logic + rules in one place.
- To avoid code duplication.
- To enforce a structure while allowing flexibility.
- To build scalable and maintainable smart contracts.
- To share partial implementation across multiple contracts.

