

I wanted to use these words into something I am more familiar with. To try to understand them better by connecting them to football terms.

1.     Abstraction: A football coach's playbook
2.     Encapsulation: a defense formation helps coordinate the actions and positions of players to execute a specific defensive strategy.
3.     Inheritance: Players in different positions, such as quarterback, running back, and wide receiver, inherit certain characteristics and responsibilities from a common parent, such as being an offensive player.
4.     Polymorphism: When a play is called, each player interprets and performs their assigned role based on their position and the specific circumstances of the game.

A class is the football play drawn up on a chalkboard, might contain the route, blocking, other positions. The object is the execution of the play.