

## **Single Inheritance**

Parent → Child

1. Company → Employee
  2. BankAccount → SavingsAccount
  3. User → AdminUser
  4. Vehicle → Car
  5. Product → ElectronicsProduct
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## **Multilevel Inheritance**

Grandparent → Parent → Child

1. Person → Employee → Manager
  2. Device → Computer → Laptop
  3. Animal → Mammal → Dog
  4. Account → DigitalAccount → PremiumAccount
  5. Property → Building → Apartment
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## **Multiple Inheritance**

Child inherits from multiple parents

1. SmartPhone ← Camera + Phone
  2. HybridCar ← ElectricVehicle + FuelVehicle
  3. DataScientist ← Programmer + Statistician
  4. OnlineTrainer ← Teacher + ContentCreator
  5. SmartWatch ← HealthDevice + NotificationDevice
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## **Hierarchical Inheritance**

One parent → multiple child classes

1. Vehicle → Car, Bike, Truck
2. Employee → Manager, Developer, Tester

3. Account → SavingsAccount, CurrentAccount, SalaryAccount
4. Payment → CreditCardPayment,UPIPayment, WalletPayment
5. Shape → Circle, Rectangle, Triangle