### **Use Cases for Hashes**

**User Profiles**: Store user data where each user is represented by a hash containing fields like name, age, email, and address.  
  
  
HSET user:1000 name "John Doe" age 30 email "john.doe@example.com"

**Shopping Cart**: Use hashes to manage a shopping cart, where the key is the cart ID and fields represent items with quantities.  
  
  
HSET cart:123 item1 2 item2 3

**Game State**: Store player statistics in a game, such as scores, levels, and inventory.  
  
  
HSET player:1 score 100 level 5 inventory "sword, shield"

**Configuration Settings**: Store application settings or configurations in a hash, allowing easy updates to individual fields.  
  
  
HSET config:app version "1.0.0" env "production"

1. **Session Data**: Store session data for web applications, where each session ID is a key, and fields hold user information, timestamps, etc.  
     
     
   HSET session:abcd1234 user\_id "1000" last\_active "2024-10-08 10:00"