

# Nested Data Structures

**portfolio = {**

**"AAPL"**

**:**

**{"price": 150.5, "shares": 100, "value": 15050.0}**

**"MSFT"**

**:**

**{"price": 340.0, "shares": 50, "value": 17000.0}**

**"GOOGL"**

**:**

**{"price": 125.75, "shares": 75, "value": 9431.25}**

**}**

## Accessing Nested Data

**portfolio["AAPL"]** → **{"price": 150.5, "shares": 100, ...}** # Full nested dict

**portfolio["AAPL"]["price"]** → **150.5** # Specific value

**portfolio["MSFT"]["shares"]** → **50** # Shares for MSFT

**portfolio["GOOGL"]["value"]** → **9431.25** # Total value