# Average Sale Price of Houses with More Than Four Bedrooms

## Python Code:

import numpy as np  
  
# Sample structure (already loaded)  
# house\_data = np.array([  
# [3, 1500, 250000],  
# [5, 2800, 475000],  
# [4, 1800, 300000],  
# [6, 3200, 550000]  
# ])  
  
# Step 1: Create a boolean mask for houses with more than 4 bedrooms  
mask = house\_data[:, 0] > 4  
  
# Step 2: Filter sale prices (column index 2) using the mask  
sale\_prices\_filtered = house\_data[mask, 2]  
  
# Step 3: Compute the average sale price  
average\_price = np.mean(sale\_prices\_filtered)  
  
print("Average sale price of houses with more than 4 bedrooms:", average\_price)

## Output:

Average sale price of houses with more than 4 bedrooms: 512500.0