Requirement already satisfied: gradio==3.50.0 in /usr/local/lib/python3.11/dist-packages (3.50.0)

Requirement already satisfied: aiofiles<24.0,>=22.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (23.2.1)

Requirement already satisfied: altair<6.0,>=4.2.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (5.5.0)

Requirement already satisfied: fastapi in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.115.12)

Requirement already satisfied: ffmpy in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.5.0)

Requirement already satisfied: gradio-client==0.6.1 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.6.1)

Requirement already satisfied: httpx in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.28.1)

Requirement already satisfied: huggingface-hub>=0.14.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.31.1)

Requirement already satisfied: importlib-resources<7.0,>=1.3 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (6.5.2)

Requirement already satisfied: jinja2<4.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (3.1.6)

Requirement already satisfied: markupsafe~=2.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (2.1.5)

Requirement already satisfied: matplotlib~=3.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (3.10.0)

Requirement already satisfied: numpy~=1.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (1.26.4)

Requirement already satisfied: orjson~=3.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (3.10.18)

Requirement already satisfied: packaging in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (24.2)

Requirement already satisfied: pandas<3.0,>=1.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (2.2.2)

Requirement already satisfied: pillow<11.0,>=8.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (10.4.0)

Requirement already satisfied: pydantic!=1.8,!=1.8.1,!=2.0.0,!=2.0.1,<3.0.0,>=1.7.4 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (2.11.4)

Requirement already satisfied: pydub in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.25.1)

Requirement already satisfied: python-multipart in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.0.20)

Requirement already satisfied: pyyaml<7.0,>=5.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (6.0.2)

Requirement already satisfied: requests~=2.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (2.32.3)

Requirement already satisfied: semantic-version~=2.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (2.10.0)

Requirement already satisfied: typing-extensions~=4.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (4.13.2)

Requirement already satisfied: uvicorn>=0.14.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (0.34.2)

Requirement already satisfied: websockets<12.0,>=10.0 in /usr/local/lib/python3.11/dist-packages (from gradio==3.50.0) (11.0.3)

Requirement already satisfied: fsspec in /usr/local/lib/python3.11/dist-packages (from gradio-client==0.6.1->gradio==3.50.0) (2025.3.2)

Requirement already satisfied: jsonschema>=3.0 in /usr/local/lib/python3.11/dist-packages (from altair<6.0,>=4.2.0->gradio==3.50.0) (4.23.0)

Requirement already satisfied: narwhals>=1.14.2 in /usr/local/lib/python3.11/dist-packages (from altair<6.0,>=4.2.0->gradio==3.50.0) (1.38.2)

Requirement already satisfied: filelock in /usr/local/lib/python3.11/dist-packages (from huggingface-hub>=0.14.0->gradio==3.50.0) (3.18.0)

Requirement already satisfied: tqdm>=4.42.1 in /usr/local/lib/python3.11/dist-packages (from huggingface-hub>=0.14.0->gradio==3.50.0) (4.67.1)

Requirement already satisfied: hf-xet<2.0.0,>=1.1.0 in /usr/local/lib/python3.11/dist-packages (from huggingface-hub>=0.14.0->gradio==3.50.0) (1.1.0)

Requirement already satisfied: contourpy>=1.0.1 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (1.3.2)

Requirement already satisfied: cycler>=0.10 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (0.12.1)

Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (4.57.0)

Requirement already satisfied: kiwisolver>=1.3.1 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (1.4.8)

Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (3.2.3)

Requirement already satisfied: python-dateutil>=2.7 in /usr/local/lib/python3.11/dist-packages (from matplotlib~=3.0->gradio==3.50.0) (2.9.0.post0)

Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.11/dist-packages (from pandas<3.0,>=1.0->gradio==3.50.0) (2025.2)

Requirement already satisfied: tzdata>=2022.7 in /usr/local/lib/python3.11/dist-packages (from pandas<3.0,>=1.0->gradio==3.50.0) (2025.2)

Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/python3.11/dist-packages (from pydantic!=1.8,!=1.8.1,!=2.0.0,!=2.0.1,<3.0.0,>=1.7.4->gradio==3.50.0) (0.7.0)

Requirement already satisfied: pydantic-core==2.33.2 in /usr/local/lib/python3.11/dist-packages (from pydantic!=1.8,!=1.8.1,!=2.0.0,!=2.0.1,<3.0.0,>=1.7.4->gradio==3.50.0) (2.33.2)

Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/lib/python3.11/dist-packages (from pydantic!=1.8,!=1.8.1,!=2.0.0,!=2.0.1,<3.0.0,>=1.7.4->gradio==3.50.0) (0.4.0)

Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.11/dist-packages (from requests~=2.0->gradio==3.50.0) (3.4.2)

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.11/dist-packages (from requests~=2.0->gradio==3.50.0) (3.10)

Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.11/dist-packages (from requests~=2.0->gradio==3.50.0) (2.4.0)

Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.11/dist-packages (from requests~=2.0->gradio==3.50.0) (2025.4.26)

Requirement already satisfied: click>=7.0 in /usr/local/lib/python3.11/dist-packages (from uvicorn>=0.14.0->gradio==3.50.0) (8.1.8)

Requirement already satisfied: h11>=0.8 in /usr/local/lib/python3.11/dist-packages (from uvicorn>=0.14.0->gradio==3.50.0) (0.16.0)

Requirement already satisfied: starlette<0.47.0,>=0.40.0 in /usr/local/lib/python3.11/dist-packages (from fastapi->gradio==3.50.0) (0.46.2)

Requirement already satisfied: anyio in /usr/local/lib/python3.11/dist-packages (from httpx->gradio==3.50.0) (4.9.0)

Requirement already satisfied: httpcore==1.\* in /usr/local/lib/python3.11/dist-packages (from httpx->gradio==3.50.0) (1.0.9)

Requirement already satisfied: attrs>=22.2.0 in /usr/local/lib/python3.11/dist-packages (from jsonschema>=3.0->altair<6.0,>=4.2.0->gradio==3.50.0) (25.3.0)

Requirement already satisfied: jsonschema-specifications>=2023.03.6 in /usr/local/lib/python3.11/dist-packages (from jsonschema>=3.0->altair<6.0,>=4.2.0->gradio==3.50.0) (2025.4.1)

Requirement already satisfied: referencing>=0.28.4 in /usr/local/lib/python3.11/dist-packages (from jsonschema>=3.0->altair<6.0,>=4.2.0->gradio==3.50.0) (0.36.2)

Requirement already satisfied: rpds-py>=0.7.1 in /usr/local/lib/python3.11/dist-packages (from jsonschema>=3.0->altair<6.0,>=4.2.0->gradio==3.50.0) (0.24.0)

Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.11/dist-packages (from python-dateutil>=2.7->matplotlib~=3.0->gradio==3.50.0) (1.17.0)

Requirement already satisfied: sniffio>=1.1 in /usr/local/lib/python3.11/dist-packages (from anyio->httpx->gradio==3.50.0) (1.3.1)

Loading dummy model...

Setting queue=True in a Colab notebook requires sharing enabled. Setting `share=True` (you can turn this off by setting `share=False` in `launch()` explicitly).

Colab notebook detected. To show errors in colab notebook, set debug=True in launch()

IMPORTANT: You are using gradio version 3.50.0, however version 4.44.1 is available, please upgrade.

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Running on public URL: https://c909ca5d700767e589.gradio.live

This share link expires in 72 hours. For free permanent hosting and GPU upgrades, run `gradio deploy` from Terminal to deploy to Spaces (https://huggingface.co/spaces)



Initial Data:

House\_ID Location Size\_sqft Bedrooms Bathrooms Year\_Built Garage \

0 1 Urban NaN 2.0 1 2015.0 No

1 2 Rural 2000.0 NaN 1 2000.0 NaN

2 3 Rural NaN 2.0 2 2020.0 Yes

3 4 Suburban 1500.0 3.0 3 2005.0 No

4 5 Suburban 1800.0 1.0 1 2005.0 Yes

Price

0 400000.0

1 250000.0

2 100000.0

3 NaN

4 300000.0

Root Mean Squared Error: 105028.04

Feature Importance:

Year\_Built 0.245902

Size\_sqft 0.243393

Bedrooms 0.183612

Bathrooms 0.128606

Garage 0.081404

Location\_Suburban 0.059130

Location\_Urban 0.057953

dtype: float64

<ipython-input-8-a510747b30be>:64: FutureWarning:

Passing `palette` without assigning `hue` is deprecated and will be removed in v0.14.0. Assign the `x` variable to `hue` and set `legend=False` for the same effect.

sns.barplot(x='Location', y='Price', data=avg\_price\_by\_location, palette='viridis')



