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import streamlit as st
import pickle
import numpy as np

# Load the dataset
model = pickle.load(open(r'C:\Users\Hanshu\Desktop\VS code\ML
program\house_price_model.pkl', 'rb'))

# set the title of the streamlit app
st.title(' 🏠 House price Prediction App ')

# add a brief description
st.write('@ This app predicts the price based on living square feet using simple
linear regression')

# Add input widget for user to enter years of experience
price_sqft = st.number_input(" ** ENTER PRICE($) Of SQRFT ✎ ** :",
min_value=0.0, max_value=5051.0,value=1.0 ,step=0.5)

# when the button is clicked, make a prediction
if st.button("Predict House Price 💰 $$$$$$$$"):
    #make a prediction using the model
    sqft_input = np.array([[price_sqft ]])
    prediction = model.predict(sqft_input)

    # Displayy the result
    st.success(f"Predicted House Price for {price_sqft} price of sqft:
    ${prediction[0]:,.2f}")

# display information about the model
st.write("The model was trained using a dataset of House Data and price of
sqft.built model by SAVITRI REDDY")

```