app6.py

```python
import streamlit as st
import pandas as pd
import numpy as np
from sklearn.linear_model import LinearRegression

st.set_page_config(page_title="House Price Predictor", page_icon="🏠", layout="wide")

# Custom CSS for styling
st.markdown("""
    <style>
    .big-font {
        font-size:40px !important;
        font-weight:bold;
    }
    .pred-box {
        background-color:#1e3d2f;
        padding:1.2em;
        border-radius:10px;
        color:white;
        font-size:28px;
    }
    </style>
""", unsafe_allow_html=True)

st.markdown("<h1 class='big-font'>🏠 House Price Prediction App</h1>",
unsafe_allow_html=True)

# Sidebar
st.sidebar.header("📋 Enter House Features:")

bedrooms = st.sidebar.slider("Bedrooms", 1, 10, 3)
bathrooms = st.sidebar.slider("Bathrooms", 1, 10, 2)
sqft = st.sidebar.number_input("Sqft Living", 300, 10000, 1800)
floors = st.sidebar.slider("Floors", 1, 3, 1)
waterfront = st.sidebar.selectbox("Waterfront", [0, 1])
view = st.sidebar.slider("View Score", 0, 4, 0)

# Load dataset
@st.cache_data
def load_data():
    df = pd.read_csv("data.csv")
    df.drop_duplicates(inplace=True)
    if 'date' in df.columns:
        df.drop(columns=['date'], inplace=True)
    return df

df = load_data()

X = df[['bedrooms', 'bathrooms', 'sqft_living', 'floors', 'waterfront', 'view']]
y = df['price']

model = LinearRegression()
```

```
model.fit(X, y)

input_data = pd.DataFrame({
    'bedrooms': [bedrooms],
    'bathrooms': [bathrooms],
    'sqft_living': [sqft],
    'floors': [floors],
    'waterfront': [waterfront],
    'view': [view]
})

prediction = model.predict(input_data)[0]

st.markdown("### 📈 Predicted House Price:")
st.markdown(f"<div class='pred-box'>${prediction:,.2f}</div>", unsafe_allow_html=True)

```