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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\SPYDER\linear_regression_model.pkl',
'rb'))

# set the title of the streamlit app
st.title('Salary Prediction App')

# add a brief description
st.write('this app predicts the salary based on years of experience using simple
linear regression')

# Add input widget for user to enter years of experience
years_experience = st.number_input("Enter Years of Experience:", min_value=0.0,
max_value=50.0,value=1.0 ,step=0.5)

# when the button is clicked, make a prediction
if st.button("Predict Salary"):
    #make a prediction using the model
    experience_input = np.array([[years_experience]])
    prediction = model.predict(experience_input)

    # Display the result
    st.success(f"Predicted Salary for {years_experience} years of experience:
    ${prediction[0]:,.2f}")

# display information about the model
st.write("The model was trained using a dataset of salaries and years of
experience.built model by SAVITRI REDDY")

```