```
 1 import matplotlib.pyplot as plt
 2 import streamlit as st
 3 import seaborn as sn
 4 import pickle
 5
 6
 7
 8 def load_data():
 9     with open('modeldata.pkl', 'rb') as f:
10         modeldata = pickle.load(f)
11     return modeldata
12 model_data = load_data()
13
14 def show_page4():
15     st.markdown('<h2 style = "text-align: center;">
   Correlation of Home Features</div>',
   unsafe_allow_html=True)
16
17     fig, ax=plt.subplots()
18     sn.heatmap(data = model_data.corr(),ax=ax)
19     st.write(fig)
```