**Home page code :**

import streamlit as st

# Page config

st.set\_page\_config(

page\_title="Smart Complaint System",

page\_icon="📣",

layout="wide"

)

# -------------------- Welcome Section --------------------

st.markdown("""

<div style='background-color: #f2f6fc; padding: 30px 40px; border-radius: 12px; box-shadow: 0 2px 10px rgba(0, 0, 0, 0.05); margin-bottom: 30px;'>

<h1 style='font-size: 36px;'>📣 Welcome to the Smart Complaint Management System</h1>

<p style='font-size: 18px; margin-top: 20px;'>This system uses <b>AI</b> & <b>Machine Learning</b> to:</p>

<ul style='font-size: 17px; line-height: 1.6;'>

<li>📂 Classify complaints</li>

<li>🏢 Assign departments</li>

<li>⏱️ Predict resolution time</li>

<li>💰 Estimate budget usage</li>

</ul>

<p style='margin-top: 20px; font-size: 17px;'>👉 Use the <b>sidebar</b> to navigate through the steps.</p>

</div>

""", unsafe\_allow\_html=True)

# -------------------- Feature Cards --------------------

col1, col2 = st.columns(2)

with col1: st.markdown(

""" <div style='background-color: white; padding: 20px; border-radius: 12px; box-shadow: 0 2px 8px rgba(0,0,0,0.06); margin-bottom: 20px;'>

<h4>📂 Complaint Classification</h4>

<p>Automatically categorize complaints using Natural Language Processing.</p>

</div>

""",

unsafe\_allow\_html=True

) st.markdown(

""" <div style='background-color: white; padding: 20px; border-radius: 12px; box-shadow: 0 2px 8px rgba(0,0,0,0.06);'>

<h4>⏱️ Predict Resolution Time</h4>

<p>Estimate resolution time based on complaint category and past data trends.</p>

</div>

""",

unsafe\_allow\_html=True

)

with col2:

st.markdown(

"""

<div style='background-color: white; padding: 20px; border-radius: 12px; box-shadow: 0 2px 8px rgba(0,0,0,0.06); margin-bottom: 20px;'>

<h4>🏢 Department Assignment</h4>

<p>Automatically assign complaints to the most relevant department.</p>

</div>

""",

unsafe\_allow\_html=True

)

st.markdown(

""" <div style='background-color: white; padding: 20px; border-radius: 12px; box-shadow: 0 2px 8px rgba(0,0,0,0.06);'>

<h4>💰 Budget Forecasting</h4>

<p>Predict budget usage based on complaint volume and resource allocation.</p>

</div>

""",

unsafe\_allow\_html=True

)

st.markdown("---")

st.markdown("<center>🚀 Made with ❤️ using Python & Streamlit</center>", unsafe\_allow\_html=True)