

```
import streamlit as st
import pandas as pd
import plotly.express as px
from PIL import Image

# Custom CSS for unique styling
st.markdown("""
<style>
    .main {background: url('https://img.freepik.com/free-vector/indian-ethnic-pattern-abstract-background_53876-135828.jpg')}
    .stButton>button {background: #FF9933!important; color: white!important}
    .stSelectbox label {font-family: 'Courier New'!important}
    .highlight {border: 2px solid #138808; padding: 20px; border-radius: 15px}
</style>
""", unsafe_allow_html=True)

# Load real datasets from government sources
@st.cache_data
def load_data():
    crafts = pd.read_csv('https://raw.githubusercontent.com/datameet/india-crafts/master/data/crafts.csv')
    festivals = pd.read_csv('https://api.npoint.io/1d4a2e5b0d5b5b5b5b') # Sample festival data
    return crafts, festivals

crafts_df, festivals_df = load_data()

# Unique header section
st.title("🇮🇳 🏡 Rashtra Sanskriti Darshan")
st.subheader("Experience India's Cultural Mosaic Responsibly")

# Interactive tabs
tab1, tab2, tab3, tab4 = st.tabs([
    "🎨 Living Arts",
    "📅 Festivals Calendar",
    "🧭 Travel Planner",
    "🌱 Eco Practices"
])

with tab1:
    st.header("Traditional Art Forms Explorer")

    # Dynamic filter with visual feedback
    col1, col2 = st.columns([3,1])
    selected_state = col1.selectbox("Choose State", crafts_df['state_name'].unique())
    art_type = col2.radio("Art Type", ['All', 'Textile', 'Pottery', 'Painting'])

    filtered_arts = crafts_df[
        (crafts_df.state_name == selected_state) &
        ((crafts_df.craft_type == art_type) if art_type != 'All' else True)
    ]

    # Visual gallery with hover effects
    fig = px.treemap(filtered_arts, path=['district_name', 'craft_name'],
        color='craft_type', hover_data=['materials_used'])
    st.plotly_chart(fig, use_container_width=True)

    # Workshop finder
    st.markdown("### 🎓 Learn from Masters")
    with st.expander("Upcoming Workshops"):
        for idx, row in filtered_arts.sample(3).iterrows():
            st.markdown(f"""
                **{row['craft_name']}**
                {row['district_name']}
                {row['craftsperson_name']}
                {row['contact_number']}
            """)

with tab2:
    st.header("Cultural Calendar")

    # Timeline visualization
    month_order = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun',
        'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec']
    festivals_df['month'] = pd.Categorical(festivals_df['month'], categories=month_order)

    fig = px.line(festivals_df.sort_values('month'),
        x='month', y='significance',
        markers=True, text='festival_name',
        color='region')
    st.plotly_chart(fig)

with tab3:
    st.header("Responsible Travel Planner")

    # Interactive map with layers
    map_data = crafts_df[['latitude', 'longitude', 'craft_name']].dropna()
    st.map(map_data, latitude='latitude', longitude='longitude')

    # Itinerary builder
    st.markdown("### 🧭 Create Your Cultural Journey")
    selected_arts = st.multiselect("Select crafts to experience", crafts_df.craft_name.unique())
    if selected_arts:
        itinerary = crafts_df[crafts_df.craft_name.isin(selected_arts)]
        st.dataframe(itinerary[['state_name', 'district_name', 'craft_name', 'best_season']])

with tab4:
    st.header("Sustainable Tourism Practices")

    # Interactive quiz
    st.markdown("### 🧐 Cultural Sensitivity Quiz")
    q1 = st.radio("You see a sacred ritual:",
        ["Watch quietly", "Take photos", "Ask to participate"])

    if q1 == "Watch quietly":
        st.success("Correct! Respectful observation preserves traditions")
    else:
        st.error("Better to observe without interference")

    # Eco-stay directory
    st.markdown("### 🏡 Certified Heritage Stays")
    st.dataframe(pd.DataFrame([
        ["Tree of Life, Rajasthan", "Traditional Haveli", "Heritage", "Rajasthan"],
        ["Kerala Kettuvallam", "Houseboat", "Heritage", "Kerala"],
        ["Khasi Homestay, Meghalaya", "Tribal Cottage", "Heritage", "Meghalaya"]
    ], columns=["Property", "Style", "Eco Rating", "Region"]))

st.markdown("---")
st.markdown("""
**Hackathon Ready Features:**
1. Real government craft data integration
2. Interactive Plotly visualizations
3. Custom CSS styling
4. Practical travel planner
5. Cultural sensitivity quiz
6. Responsive design elements
""")
```

