```
import streamlit as st
import plotly.express as px
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import time



def calculate_bmi(weight, height, height_unit):
    # Convert height to meters if needed
    if height_unit == 'cm':
        height = height / 100  # Convert cm to meters
    elif height_unit == 'ft':
        height = height * 0.3048  # Convert feet to meters
    bmi = weight / (height ** 2)
    return bmi

def get_health_classification(bmi):
    if bmi < 18.5:
        return 'Underweight'
    elif 18.5 <= bmi < 24.9:
        return 'Healthy weight'
    elif 25 <= bmi < 29.9:
        return 'Overweight'
    else:
        return 'Obesity'

# Streamlit user interface
st.title("BMI Calculator")

st.write("Enter your details below to calculate your BMI:")

# Input fields
weight = st.number_input("Weight (kg)", min_value=1.0, max_value=500.0, step=0.1)
height = st.number_input("Height", min_value=1.0, max_value=300.0, step=0.1)
height_unit = st.selectbox("Height Unit", ['cm', 'm', 'ft'])

if st.button("Calculate BMI"):
    if weight > 0 and height > 0:
        bmi = calculate_bmi(weight, height, height_unit)
        health_status = get_health_classification(bmi)

        st.write(f"Your BMI is: {bmi:.2f}")
        st.write(f"Health Classification: {health_status}")
    else:
        st.error("Please enter the valid weight and height.")
```