# Step 5: Data-Driven Insights

def generate\_insights(data, model):

"""Use historical and real-time data for predictions."""

importances = model.feature\_importances\_

feature\_names = data.columns[:-1]

insights = {feature: importance for feature, importance in zip(feature\_names, importances)}

print("Feature Importances for Disease Prediction:")

for feature, importance in insights.items():

print(f"{feature}: {importance:.4f}")