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import numpy as np
from sklearn.ensemble import RandomForestClassifier

# Simulate medical image data (e.g., pixel values)
X = np.random.rand(100, 256) # 100 images, 256 features each
y = np.random.randint(0, 2, 100) # Binary labels (0: healthy, 1: tumor)

# Train a simple AI model
model = RandomForestClassifier()
model.fit(X, y)

# Predict on new data
new_image = np.random.rand(1, 256)
prediction = model.predict(new_image)
print("Tumor detected!" if prediction[0] == 1 else "No tumor detected.")
```