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import pandas as pd
from sklearn.ensemble import RandomForestClassifier

# Sample dataset
data = pd.read_csv('urban_zoning_data.csv')
X = data[['population_density', 'green_space_ratio', 'road_access']]
y = data['zone_type']

# Train zoning predictor
model = RandomForestClassifier()
model.fit(X, y)

# Predict new zone
new_area = [[3000, 0.2, 1]]
predicted_zone = model.predict(new_area)
print(f"Predicted Zone: {predicted_zone[0]}")

# Another example with specified number of estimators
from sklearn.ensemble import RandomForestClassifier
model = RandomForestClassifier(n_estimators=100)
model.fit(input_data, zone_labels)
zone_result = model.predict(new_area_input)

# NetworkX shortest path visualization
import networkx as nx
G = nx.grid_2d_graph(6, 6)
for u, v in G.edges():
    G[u][v]['weight'] = 1 + (u + v) % 3
path = nx.shortest_path(G, source=0, target=35, weight='weight')

```