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PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

PS C:\Users\HelloI> & C:/Users/HelloI/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/HelloI/ecoroute_optimizer.py"

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ECO-ROUTE: CARBON-AWARE NAVIGATION OPTIMIZER

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Simulating navigation from coordinates (0, 0) to (10, 10).

Generating route options...

Calculating carbon impact for each route...

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ROUTE RANKING (Most Eco-Friendly First)

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1. Route B: 11.41 km, 15 stops, 3.03 kg CO2

2. Route C: 12.21 km, 15 stops, 3.19 kg CO2

3. Route D: 15.85 km, 19 stops, 4.12 kg CO2

4. Route E: 21.02 km, 22 stops, 5.3 kg CO2

5. Route A: 19.45 km, 27 stops, 5.76 kg CO2

Recommendation:

The most eco-friendly route is Route B.

Expected carbon savings compared to the least efficient route:

2.73 kg CO₂ (47.4% reduction)

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DETAILED ROUTE ANALYSIS

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Route B:

- Distance: 11.41 km
- Estimated Stops: 15
- Average Speed: 54.79 km/h
- CO2 Emissions: 3.03 kg
- Eco-Efficiency Rating: Good

Route C:

- Distance: 12.21 km
- Estimated Stops: 15
- Average Speed: 84.49 km/h
- CO2 Emissions: 3.19 kg
- Eco-Efficiency Rating: Good

PythonPython

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

SUGGESTED ACTIONS

Ask @vscodeCreate Project

ecoroute_optimizer.py +

Describe what to build next

AgentPick Model

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Route C:

- Distance: 12.21 km
- Estimated Stops: 15
- Average Speed: 84.49 km/h
- CO2 Emissions: 3.19 kg
- Eco-Efficiency Rating: Good

Route D:

- Distance: 15.85 km
- Estimated Stops: 19
- Average Speed: 34.15 km/h
- CO2 Emissions: 4.12 kg
- Eco-Efficiency Rating: Fair

Route E:

- Distance: 21.02 km
- Estimated Stops: 22
- Average Speed: 50.95 km/h
- CO2 Emissions: 5.3 kg
- Eco-Efficiency Rating: Poor

Route A:

- Distance: 19.45 km
- Estimated Stops: 27
- Average Speed: 95.55 km/h
- CO2 Emissions: 5.76 kg
- Eco-Efficiency Rating: Poor

Generating visual comparison...
Visualization saved to 'screenshots/route_comparison.png'

PythonPython

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SUGGESTED ACTIONS

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ecaroute_optimizer.py

Describe what to build next

AgentPick Model

Ln 1, Col 2Spaces: 4UTF-8CRLFPython3.13.7

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