

# Viata Coding Project - Hotel Discovery Map

**Challenge:** You are hosting a conference in Downtown Seattle, and have been tasked with building an interactive hotel discovery platform for out-of-town guests.

Build and deploy an interactive website showing hotels across Seattle downtown. **You can, and are encouraged, to use any AI or non-AI tools you want.** This project is meant to be fun - feel free to get creative! There is no “right” answer here.

Use the attached file, `seattle_hotel_data.json` as the data source.

## Requirements:

- React/TypeScript frontend
- Display hotels on a map using provided sample data
- Implement **visual clustering for hotel markers (group nearby hotels)**
- Basic hotel markers with popup info (name, price, rating)
- Deploy to a website

## Technical Stack:

- React/TypeScript
- Any Mapping Library (Leaflet, Mapbox, Google Maps). Think about which of these libraries are the most powerful and would allow you to improve this app in the future.
- Any styling approach
- Free hosting platform

## Evaluation Criteria:

- **User Experience (40%)** - What would a non-technical user think of this? Is the map intuitive and responsive? Does clustering work smoothly?
- **AI Tool Utilization (30%)** - How did you leverage AI to build a robust, clean solution with new tools in a short amount of time?
- **Implementation Quality (20%)** - Clean code and proper clustering behavior.
- **Deployment & Polish (10%)** - Does it work live and look presentable?

## Submission:

- A Live hosted URL of your app
- GitHub repo with README
- 2-paragraph write-up explaining how you approached this and the tools you used.

Send me an email with the things above at [ken@viata.ai](mailto:ken@viata.ai). Looking forward to seeing your work!

