MICHIGAN STATE UNIVERSITY

Beta Presentation

Predicting Automotive Sales Using Generative AI

The Capstone Experience

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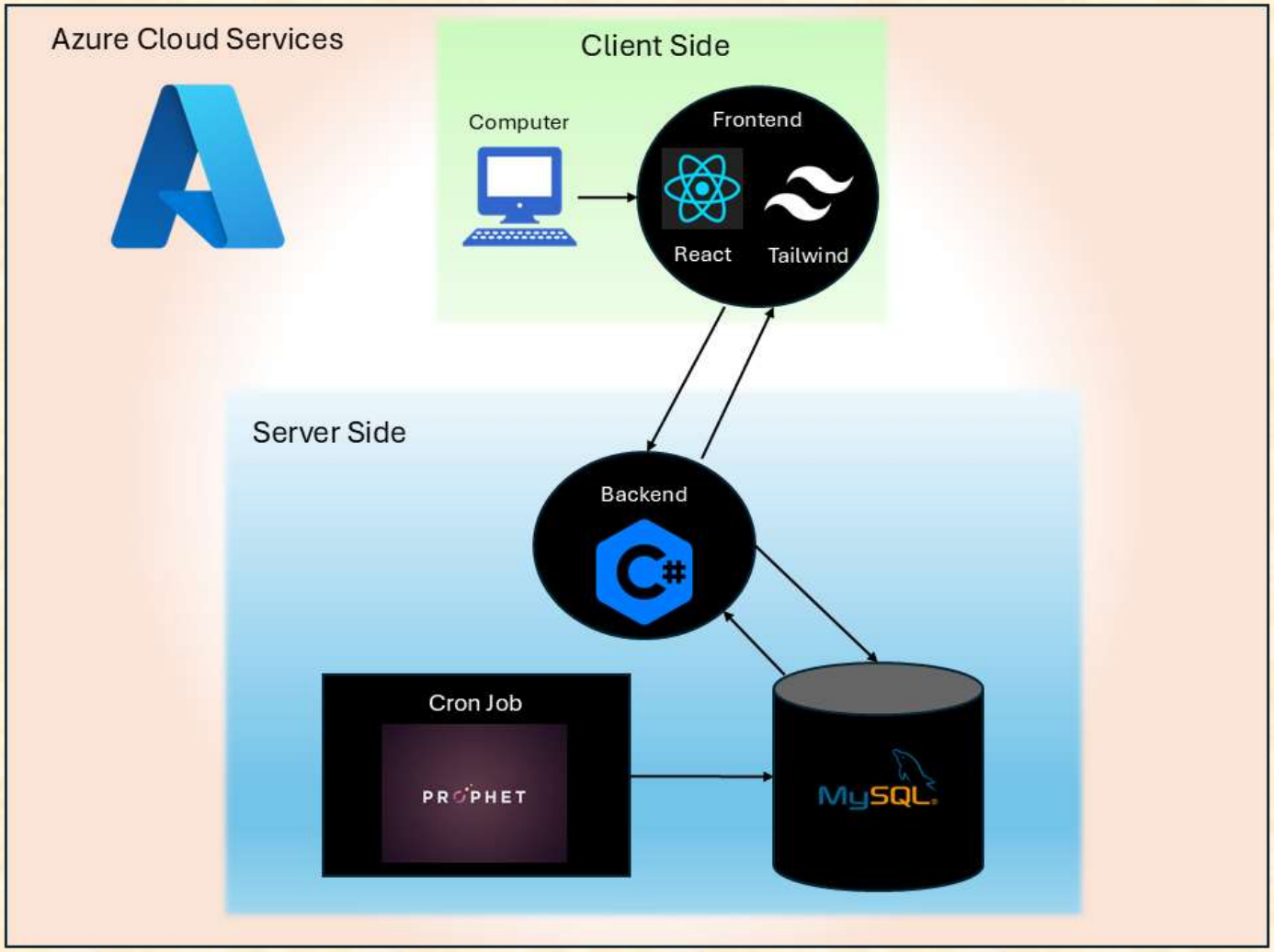
From Students…
…to Professionals

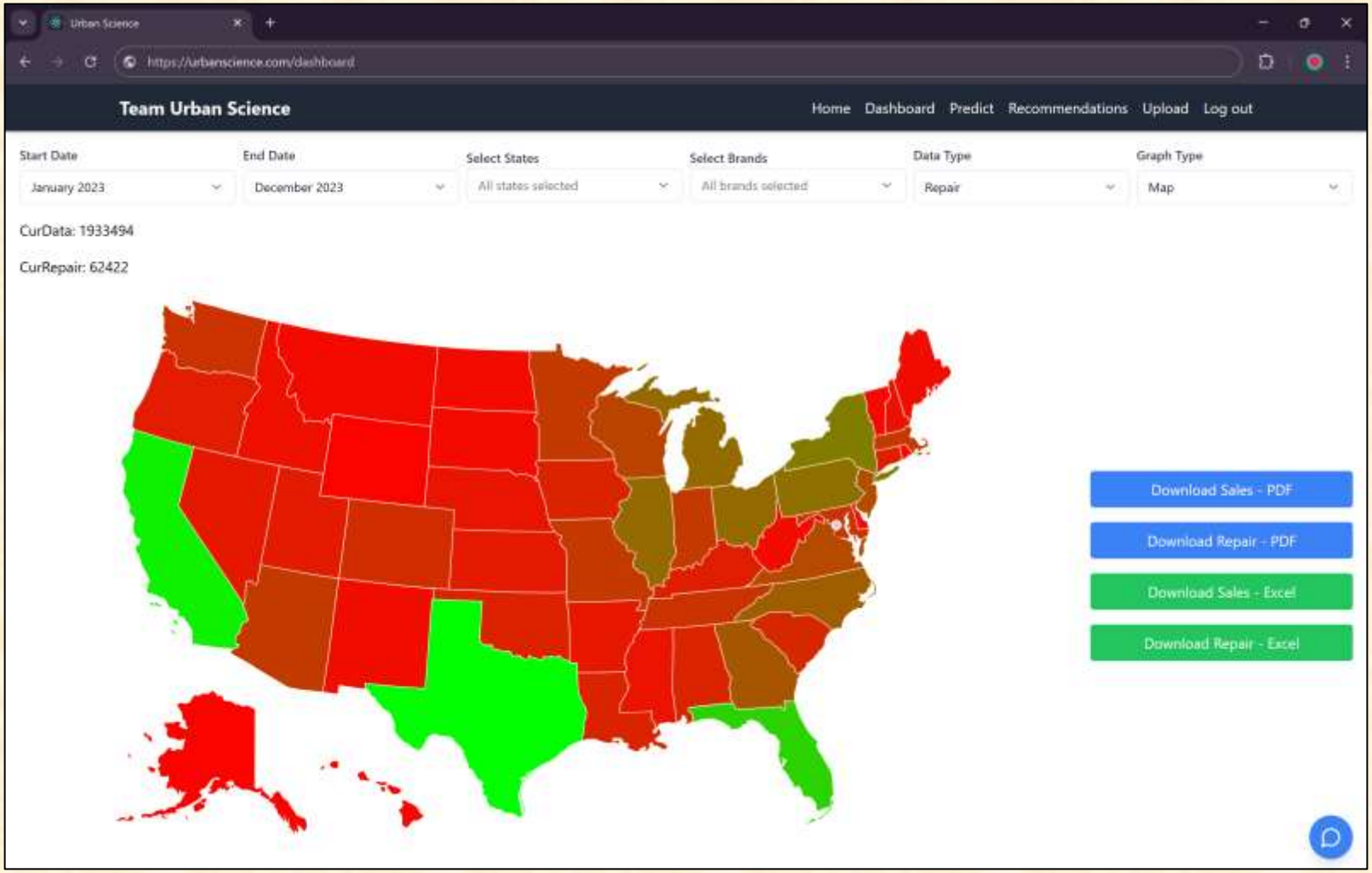
Project Overview

- Web Application Displaying Unique Data For Automotive Dealers In Graph Form
  - Bar/Line/Pie Charts And A Heat Map
- Provides Human Interface For Sales and Repair Order Data Through AI Chat Bot
- Provides Predictive Data and Recommendations For Specific Car Brands
- Includes a Tutorial on How to Navigate the Web Application

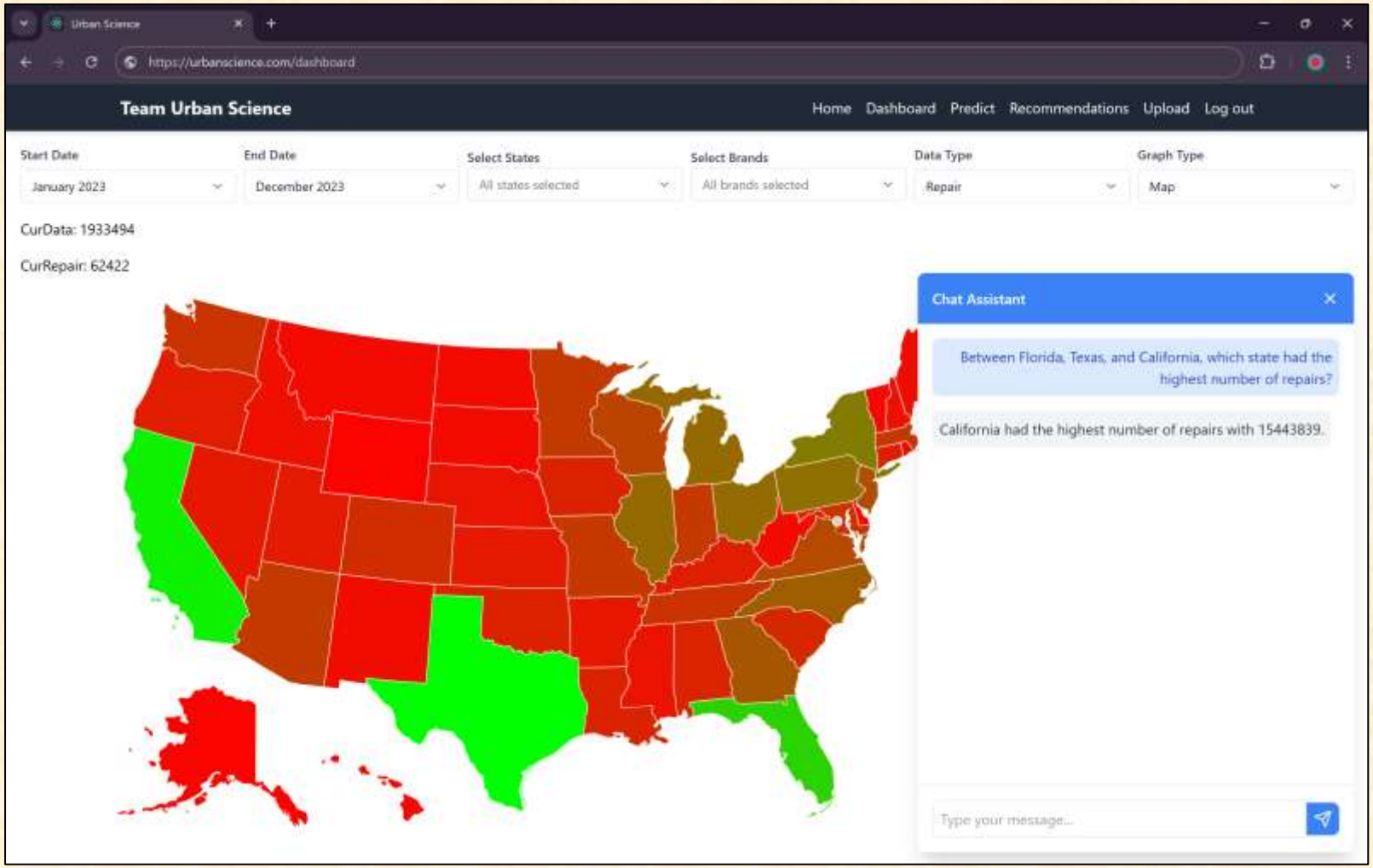
System Architecture



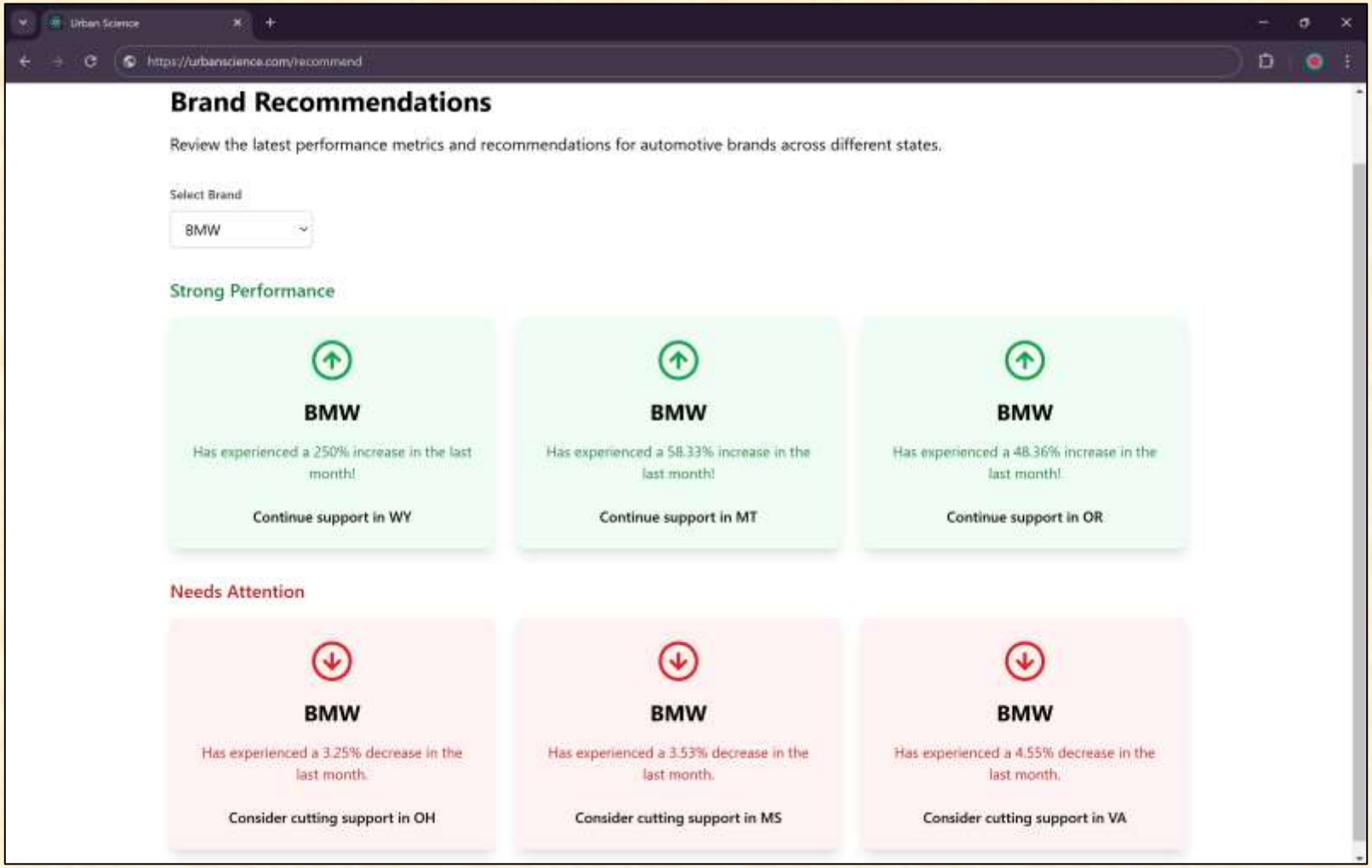
Dashboard Page - Heatmap



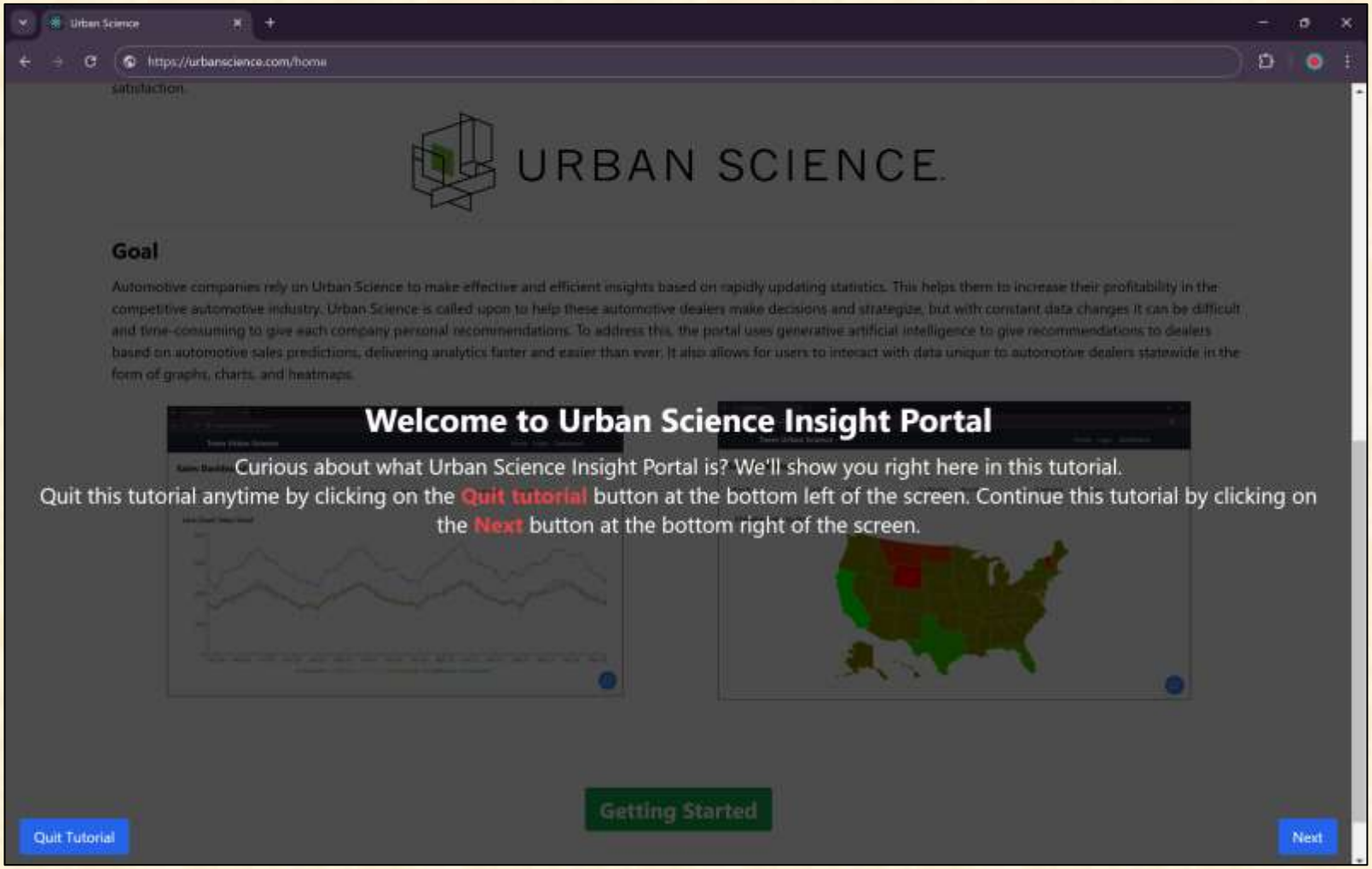
Dashboard Page - Chatbot



Recommendations Page



Home Page - Tutorial



What's left to do?

- Features
- Stretch Goals
  - Adding Suggestion Prompts to Chat Bot
  - Have Chat Bot Compare Data
  - Tutorial Page Opens Immediately for First Time Log On
- Other Tasks
  - Improve Website Loading Times
  - Change Verbiage on Recommendations for Top Decreases

Questions?