Alpha Presentation
Independent Repair Facilities Insights

The Capstone Experience

Team Urban Science
Victoria Cao
Gyungrok Lee
Juston Ko
Zhi Li

Department of Computer Science and Engineering
Michigan State University
Fall 2021
Project Overview

• Urban Science is a data-driven company that provides insights and solutions for the Automotive Industry
• Independent Repair Facilities (IRFs) dominate After-sales sector
• Our web application provides insights and solutions to dealers and field staff on IRFs
System Architecture
Aftersales Landing Page
Rankings and Map Page

Independent Repair Facility Insights

Overview | Ranking | Analysis

Nationwide / Middle East Region / District 01 / Lansing Area

Rankings

1. Michael's Oil Change (40 reviews)
2. Jiffy Lube of Busch Hills (27 reviews)
3. Quick Lube of Rollingwood (21 reviews)
4. Midas of Busch Hills (21 reviews)
5. Oil Express (201 reviews)

Map

Lansing

---

The Capstone Experience  Team Urban Science Alpha Presentation
Dealership Analysis Page
Expanded Tabs Page
What’s left to do?

• Front End
  ▪ Implement functionality of the header and sidebar of the website
  ▪ Improve the design of different tabs on the website
  ▪ Connect more APIs

• Back End
  ▪ Create more APIs for front-end graphs
  ▪ Implement different analysis models
Questions?