

How to Run the Demo

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Prerequisites

- Python 3.6
- Python Libraries:
 - Flask
 - Sklearn
 - Ortools
 - Numpy
 - Multiprocessing

Running the Demo

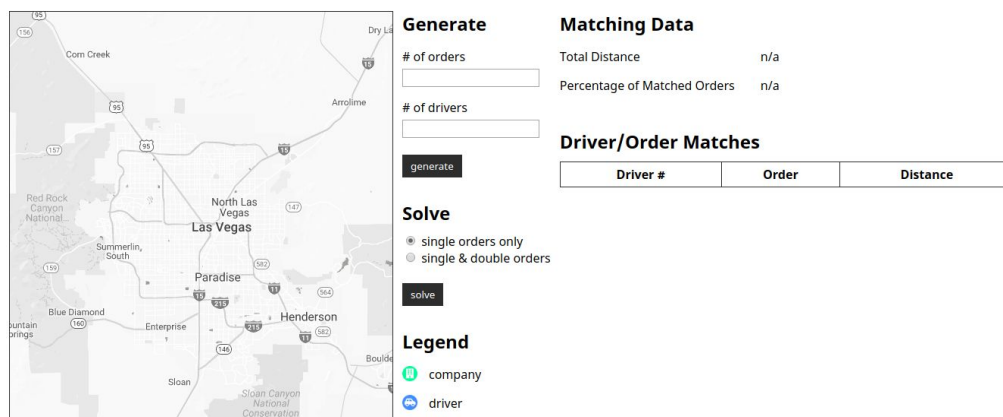
- Pull code off of GitHub
- Navigate to the demo folder
- Run the following command
`python app.py`
- It should print a URL something like: <http://127.0.0.1:5000/>
- Open your browser and go to that URL

How to use the demo

Currently, only the driver and order generation is complete. Soon there will be more!

1. Under '# of order', enter the amount of orders you want (at least 1)
2. Under '# of driver', enter the amount of drivers you want (at least 1)
3. Press the 'generate' button
4. Check out the results on the map! Hover over each icon to see it's name

Food Delivery Demo



The screenshot shows a web application interface for a food delivery demo. On the left is a map of the Las Vegas area, including locations like North Las Vegas, Paradise, Henderson, and Sloan. The map displays several icons representing companies (green 'W' icons) and drivers (blue car icons). On the right side of the interface, there are two main sections: 'Generate' and 'Matching Data'. The 'Generate' section contains input fields for '# of orders' and '# of drivers', both currently empty, and buttons for 'generate' and 'solve'. Below these is a 'Solve' section with radio buttons for 'single orders only' (selected) and 'single & double orders', and a 'solve' button. At the bottom right is a 'Legend' section showing a green 'W' icon for 'company' and a blue car icon for 'driver'. The 'Matching Data' section shows 'Total Distance' and 'Percentage of Matched Orders', both with 'n/a' values. Below this is a table titled 'Driver/Order Matches' with columns for 'Driver #', 'Order', and 'Distance', which is currently empty.

Driver #	Order	Distance
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