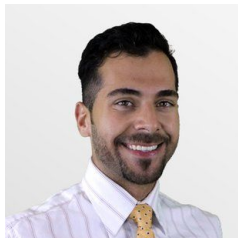




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Smart locations for future chargers

Team



Wade Bitaraf
CEO

Master in Chemical Engineering
Master in Petroleum and Natural Gas
Engineering



Michele Ranaldo
COO

Master in Civil Engineering



Sagar Yadav
CTO

MBA
Masters in BioTech



Problem Statement

WHERE to install

WHAT charging infrastructure

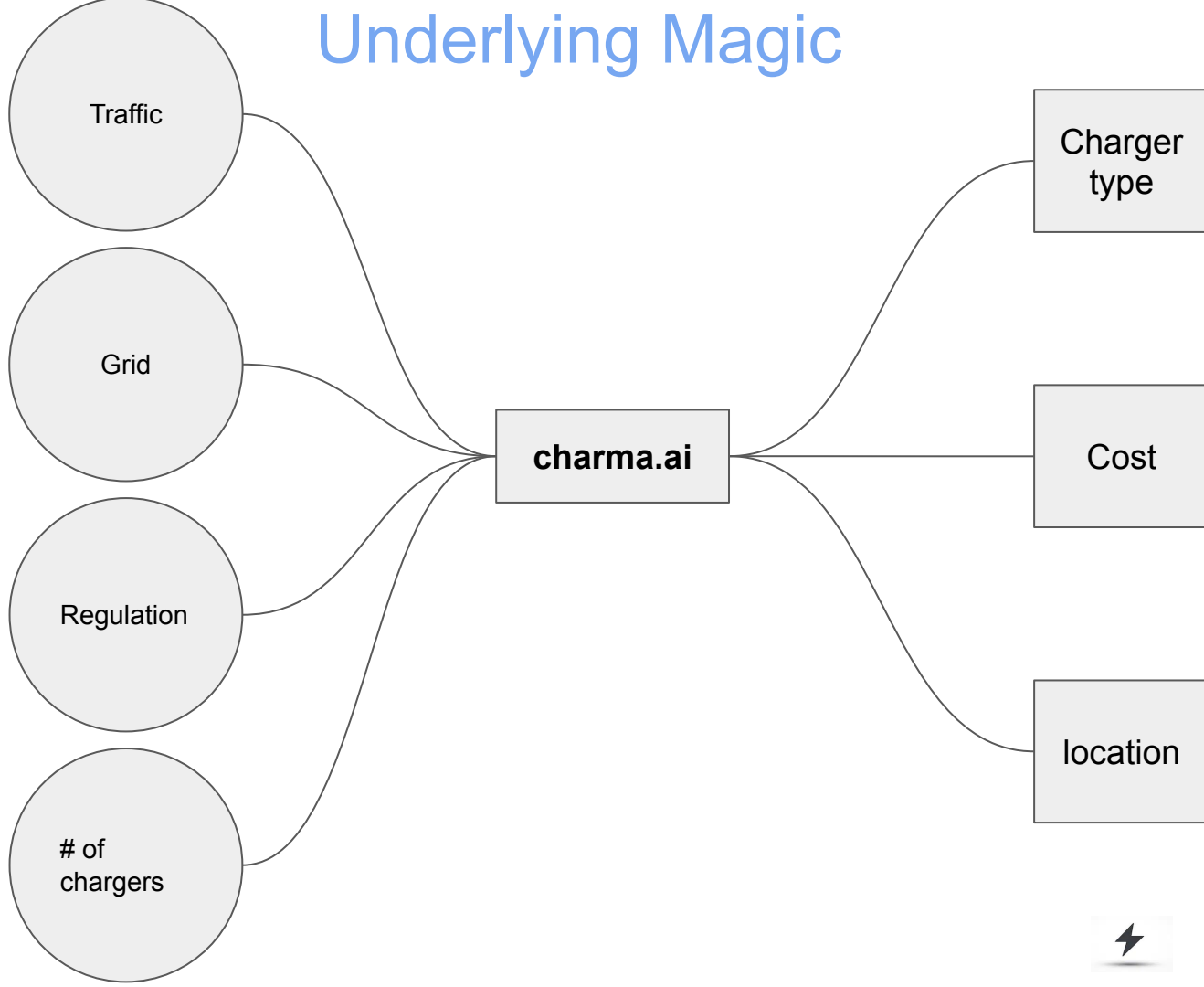
WHEN



Solution



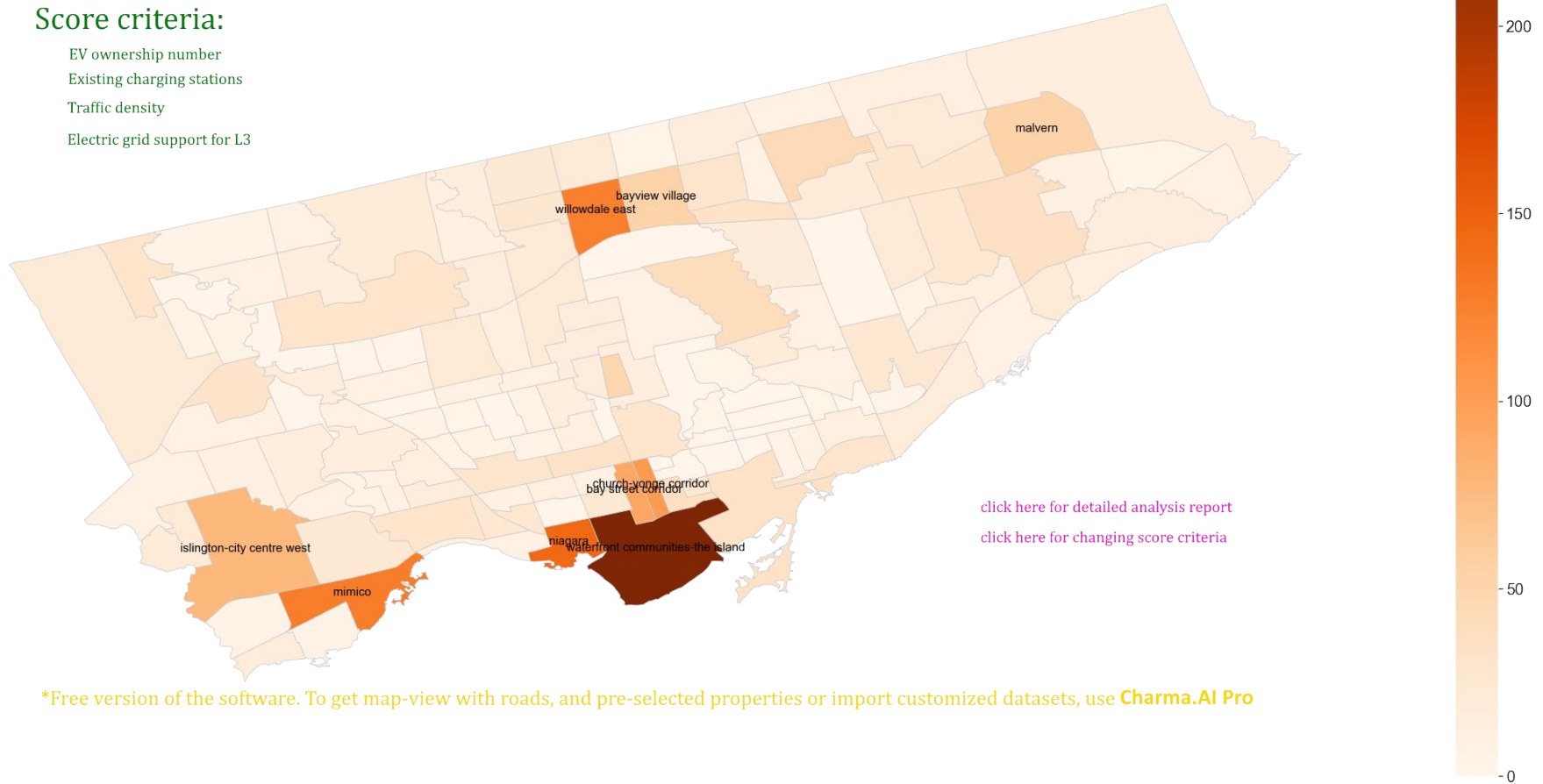
Underlying Magic



Heat Map for neighbourhood selection for EV Charger Installation in Toronto, Ontario

Score criteria:

- EV ownership number
- Existing charging stations
- Traffic density
- Electric grid support for L3



*Free version of the software. To get map-view with roads, and pre-selected properties or import customized datasets, use **Charma.AI Pro**

Demo development in hackathon

Spending power of
people
Input



Heatmap of profitable
charging locations
Output

Demonstrated: ability to derive data conclusions based upon single data source.

In production: multiple data-sources and data-layers will be used to give data insights about profitable locations for charging installations.

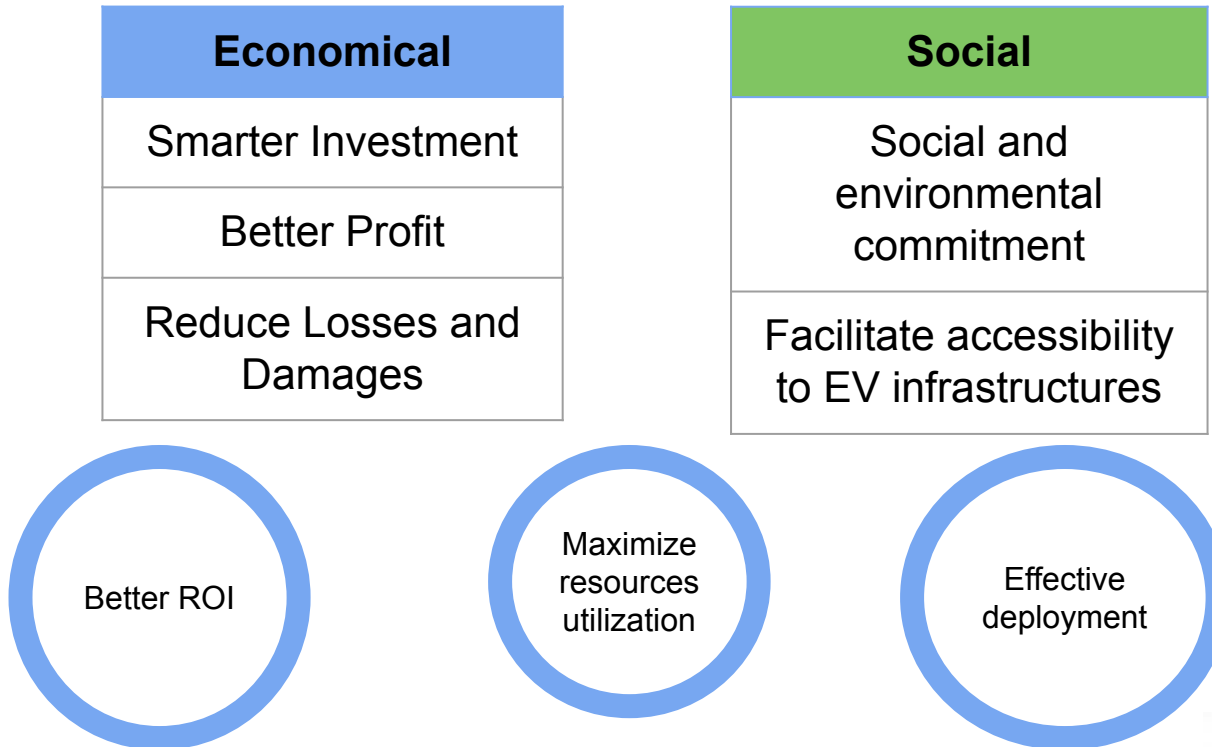
Tech stack: Python, csv, sql and matlab

GIS compatible dummy data-set imported from
<https://open.toronto.ca/dataset/neighbourhoods/>

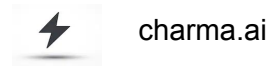
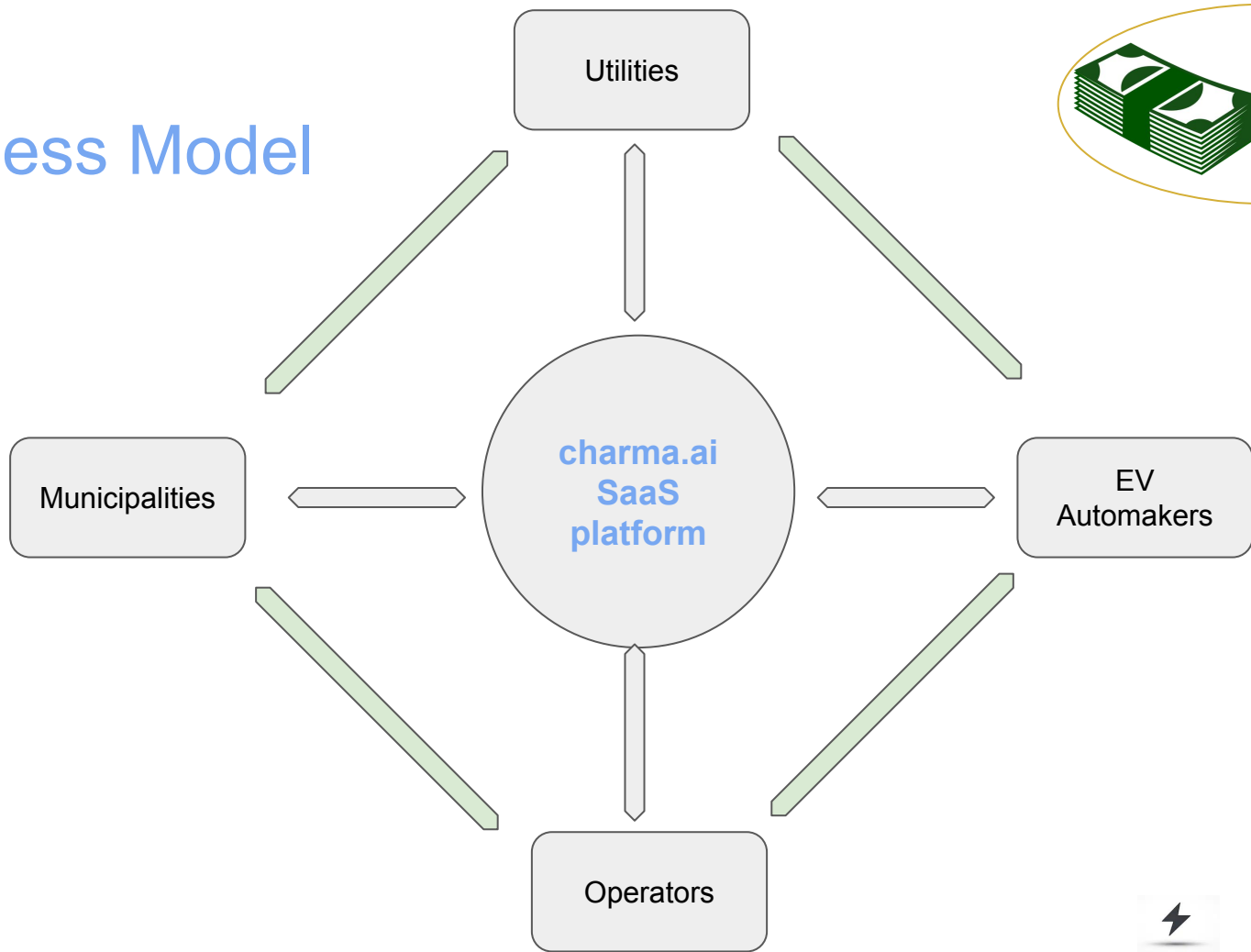


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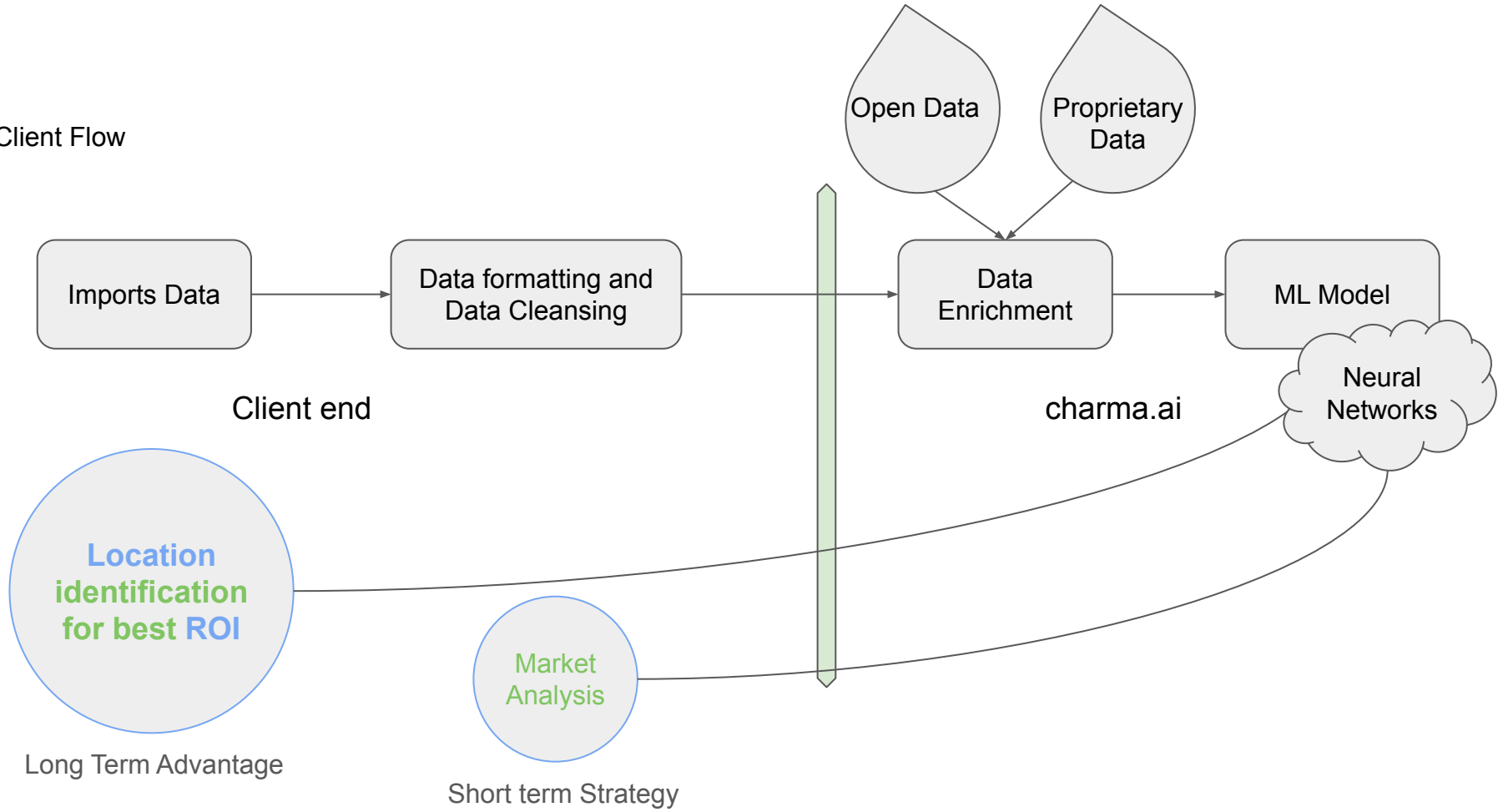
Value Proposition



Business Model



Client Flow



Go to Market Plan

2021

2022

2023

2024

2025

Operators and Automakers

Collect data-train algorithm-PoC

Banks and Installers

Strategic partnership

Corporates and Cities

Scale



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Unique position (differentiator/competitive landscape)



REVOLV
the future of fleets

AMPLIFY
FLEET CHARGING SIMPLIFIED

MJB & A
an ERM Group company

		REVOLV the future of fleets	AMPLIFY FLEET CHARGING SIMPLIFIED	MJB & A an ERM Group company
End to end	X	X	X	
Price competitive	X	X		
Hardware agnostic	X	X		X
EV Type agnostic	X			X



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