

Pitch CabMate



Changing times

Competition

The Yellow Cabs struggle with competition from for-hire services.

Almost Destruction

Combined with the pandemic, the industry almost vanished.

Hope

Increasing demand and higher prices from competitors open new chances.

The problem

Problem

Cabs face **low utilization**, causing them to cruise empty for long times.

Challenge

How can cab drivers find areas of **demand** faster?

Negatives

This leads to **low income** together with long working hours.

In numbers

~55%

utilization of cabs

\$900M

lost revenue as a result every year

50M

liters fuel consumption cruising empty every year

Why we believe in Yellow Cabs



Quick

Cheaper

Flexible

Tradition

Private

Job Driver

Existing solutions

The Uber logo, consisting of the word "Uber" in a bold, black, sans-serif font.

For-hire mobility service



For-hire mobility App

The Curb logo, featuring the word "curb" in a teal, lowercase, sans-serif font.

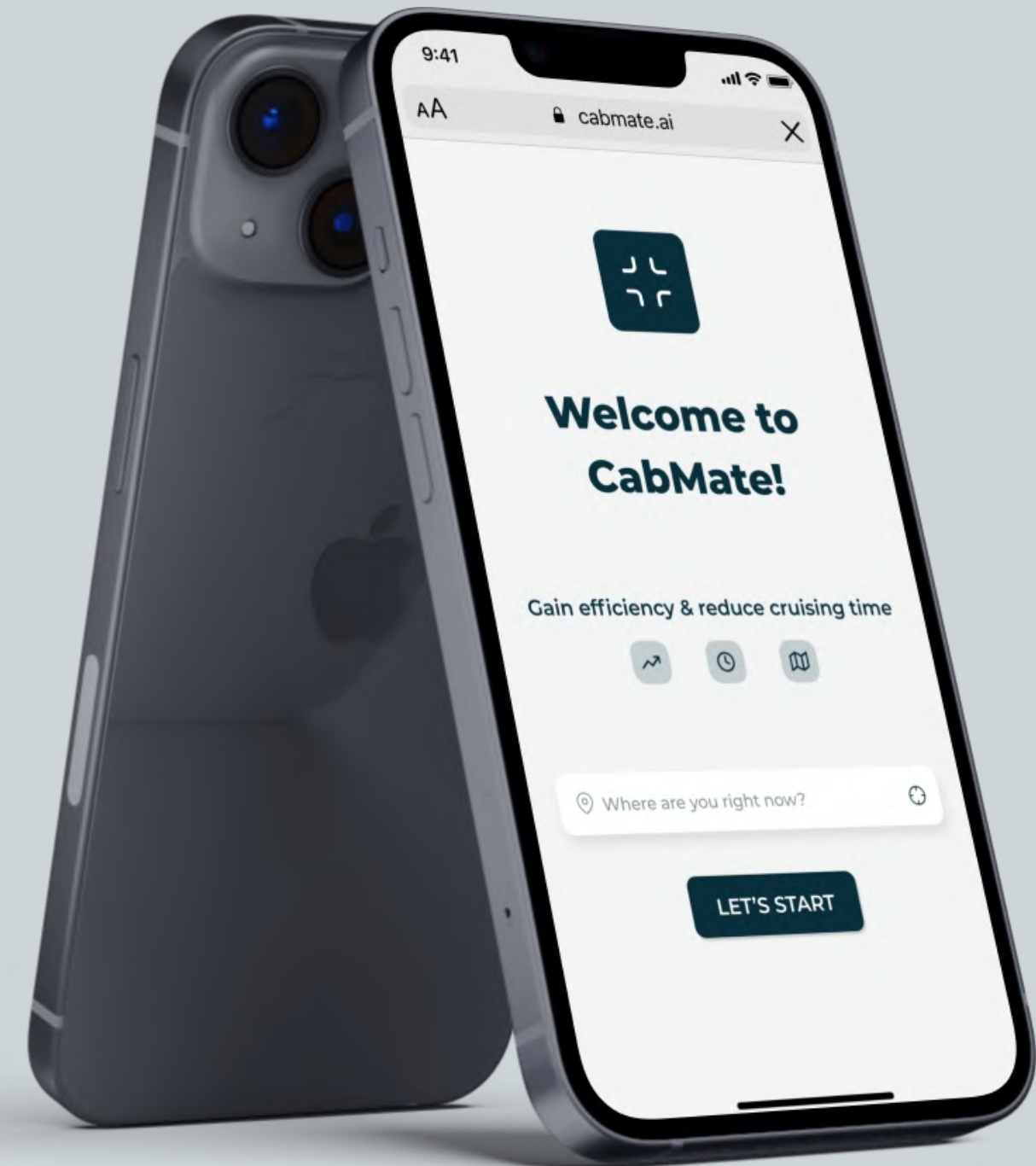
Curb Mobility platform provides a home for our mobile app, payment, paratransit, business travel, and advertising solutions.

One more trip per shift

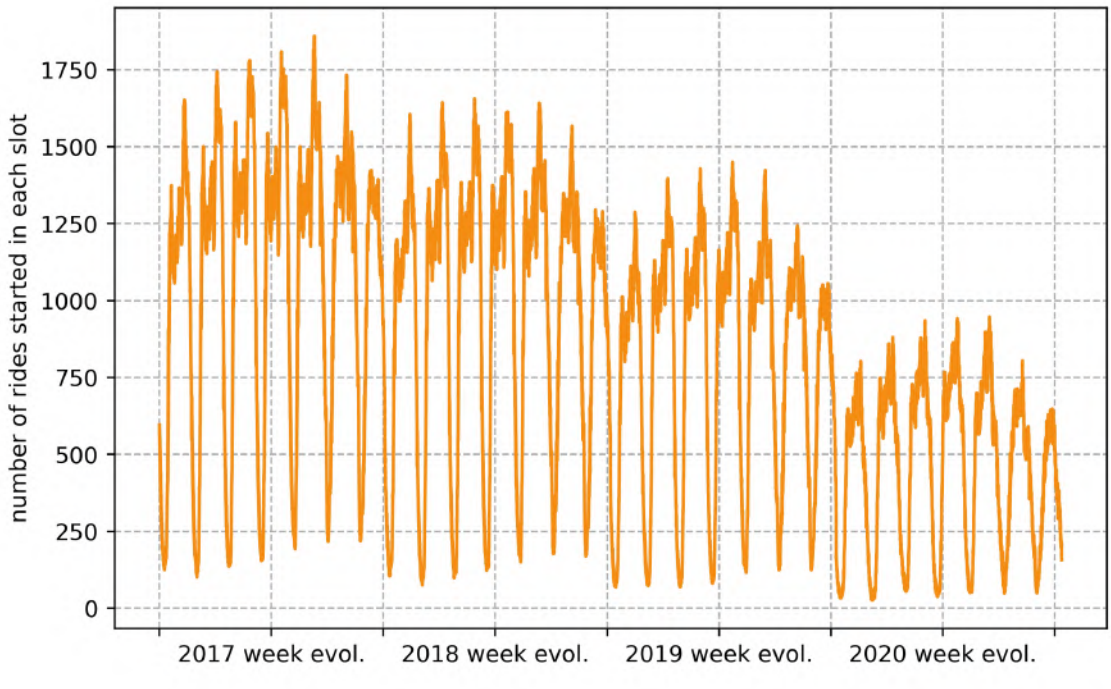
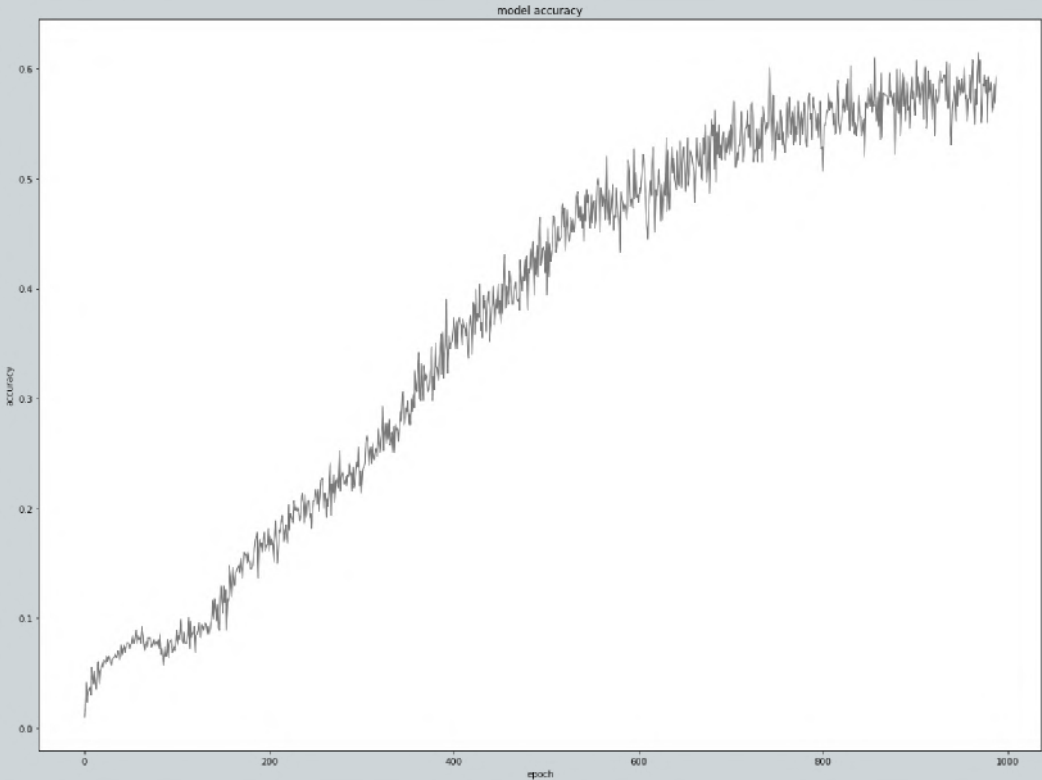
Welcome to CabMate

**Designed to assist cab
drivers everyday.**

- Increase efficiency
- Minimize empty cruise time
- ~\$350 more per month




```
594/594 [=====] - 0s 327us/sample - loss: 39.5447 - accuracy: 0.592
Epoch 981/4000
594/594 [=====] - 0s 336us/sample - loss: 39.0283 - accuracy: 0.579
Epoch 982/4000
594/594 [=====] - 0s 337us/sample - loss: 39.0401 - accuracy: 0.580
Epoch 983/4000
594/594 [=====] - 0s 330us/sample - loss: 38.8507 - accuracy: 0.587
Epoch 984/4000
594/594 [=====] - 0s 349us/sample - loss: 38.7828 - accuracy: 0.560
Epoch 985/4000
594/594 [=====] - 0s 331us/sample - loss: 38.9038 - accuracy: 0.565
Epoch 986/4000
594/594 [=====] - 0s 335us/sample - loss: 39.9309 - accuracy: 0.585
Epoch 987/4000
594/594 [=====] - 0s 340us/sample - loss: 39.1510 - accuracy: 0.569
Epoch 988/4000
594/594 [=====] - 0s 334us/sample - loss: 38.9621 - accuracy: 0.592
```

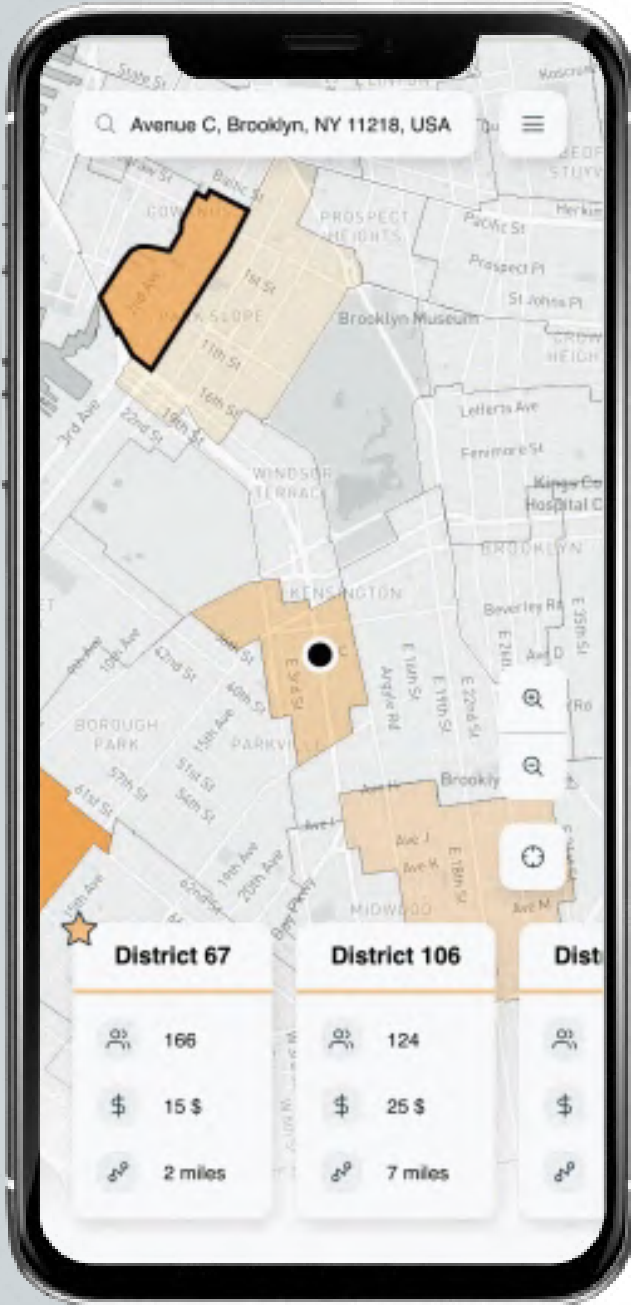
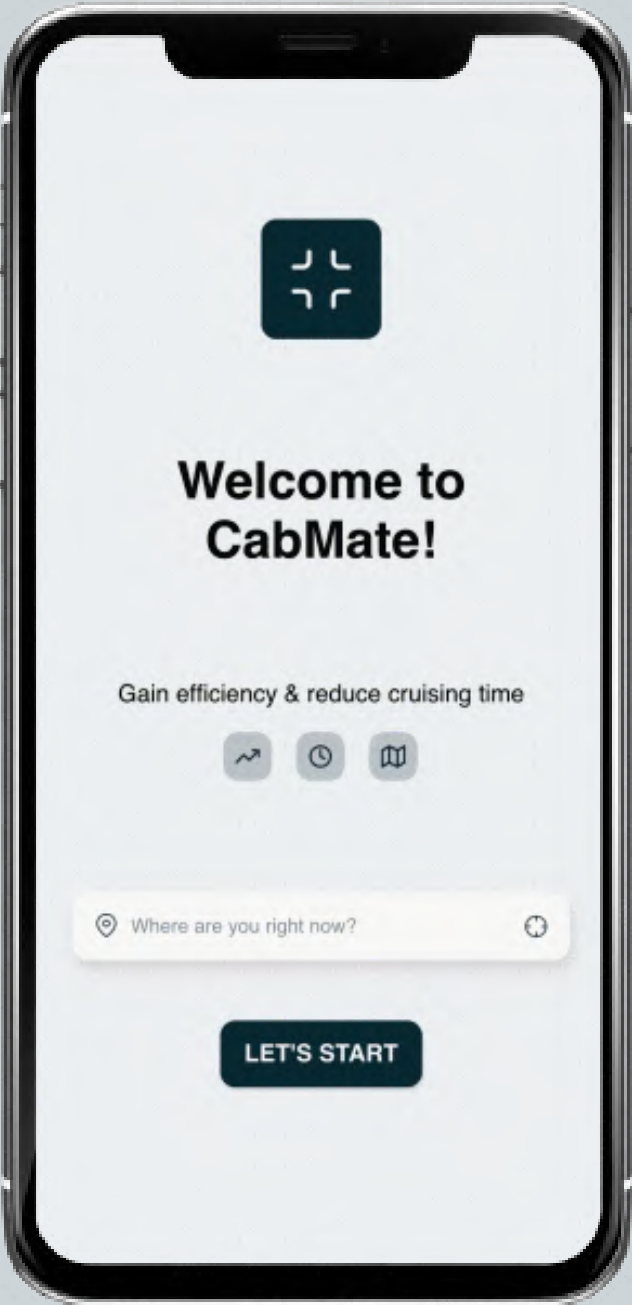


Layer (type)	Output Shape	Param #
dropout_47 (Dropout)	(None, 308)	0
dense_65 (Dense)	(None, 308)	95172
dropout_48 (Dropout)	(None, 308)	0
dense_66 (Dense)	(None, 616)	190344
batch_normalization_32 (Batch Normalization)	(None, 616)	2464
dropout_49 (Dropout)	(None, 616)	0
dense_67 (Dense)	(None, 924)	570108
batch_normalization_33 (Batch Normalization)	(None, 924)	3696
dense_68 (Dense)	(None, 1232)	1139600
batch_normalization_34 (Batch Normalization)	(None, 1232)	4928
dense_69 (Dense)	(None, 924)	1139292
batch_normalization_35 (Batch Normalization)	(None, 924)	3696
dense_70 (Dense)	(None, 616)	569800
batch_normalization_36 (Batch Normalization)	(None, 616)	2464
dropout_50 (Dropout)	(None, 616)	0
dense_71 (Dense)	(None, 265)	163505
Total params: 3,885,069		
Trainable params: 3,876,445		
Non-trainable params: 8,624		

Advanced AI technology

Our AI model predicts the demand and expected fare in each district of NYC for the upcoming half an hour.





Find the perfect district

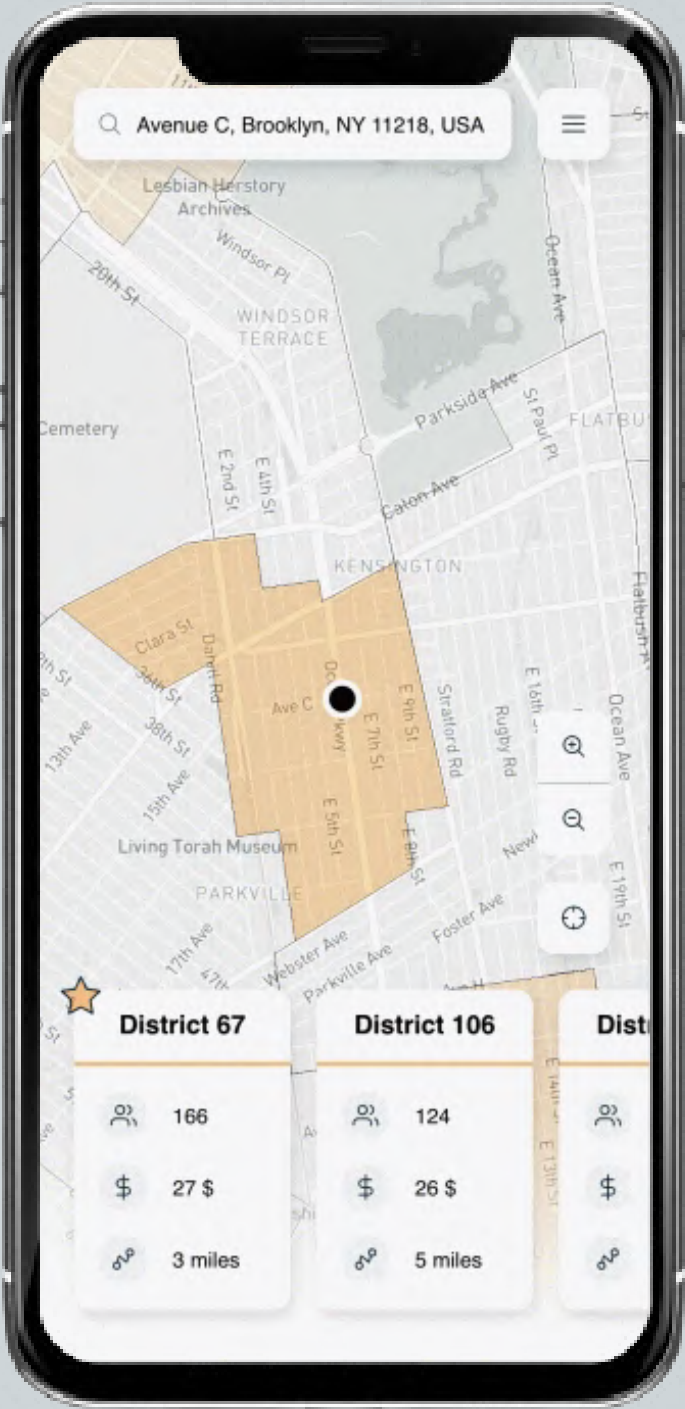
The predicted demand is shown on an interactive map, suggesting the district with the highest utility to the driver.



Let's go!

Navigates you directly in the centre of your target district.

Pitch





The platform for cab drivers

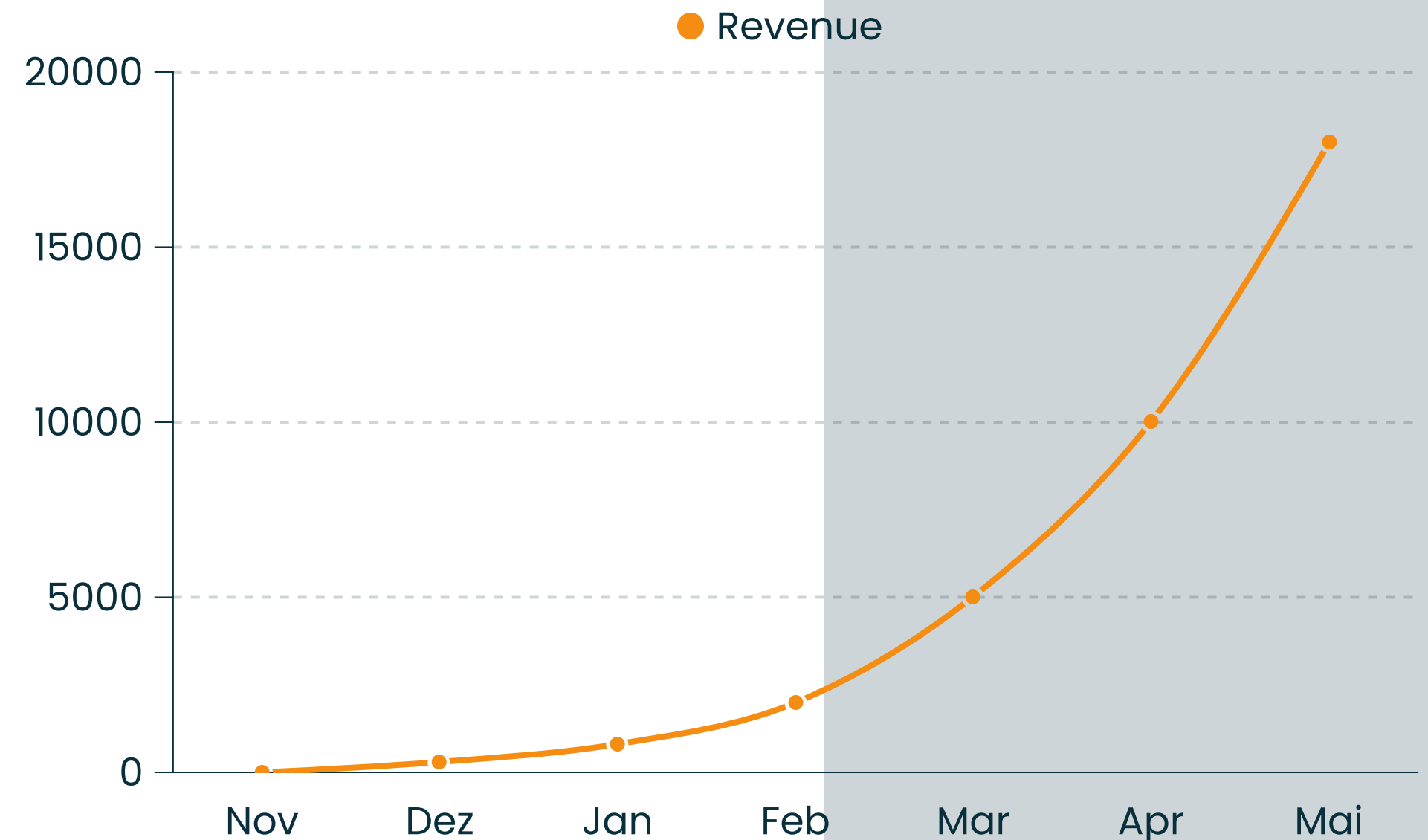
See your earnings, tips, hourly earnings and productivity in MyStats. Also, compare yourself to your fellow drivers worldwide.



Business Model

1 more trip per shift for \$1 a day.

- 1 trip more per shift (avg. \$15 for \$1 per day).
- ~\$350 extra revenue per month.
- First goal: attract 10% of NYC cab drivers to use CabMate
- Marketing via TLC, free trial period and word of mouth
- Leaving most of the extra return with the cab drivers helps to revitalize the sector



Win – Win – Win

Profitable business model – Assist the drivers – Save gas

Market size

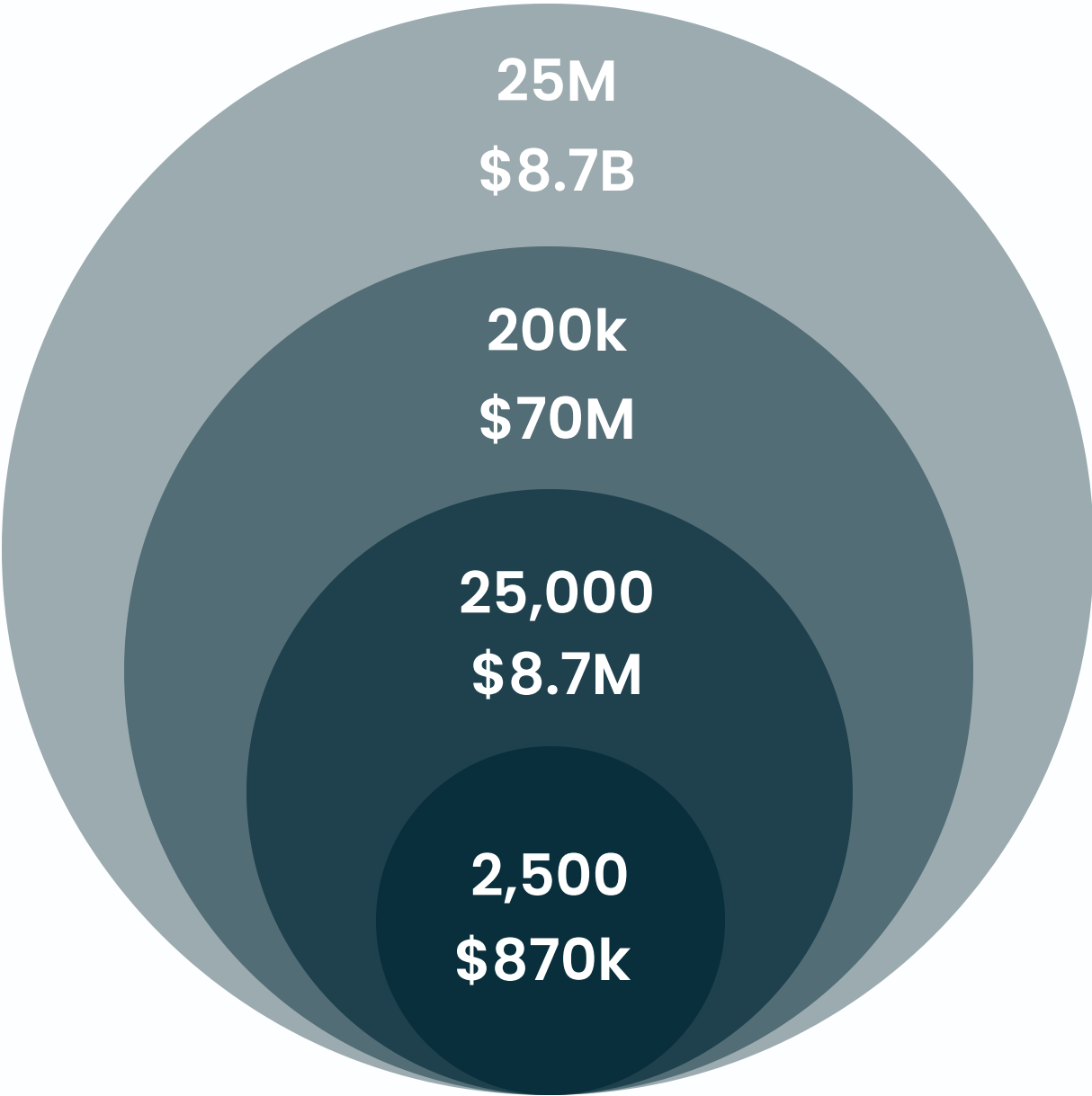
- 01

Total Addressable Market (TAM)
Cab drivers worldwide
- 02

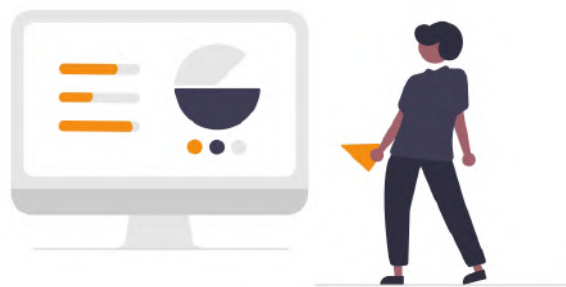
Serviceable Addressable Market (SAM)
US cab market
- 03

Target Market
NYC cab market
- 04

First Market Share
10% of NYC cab drivers

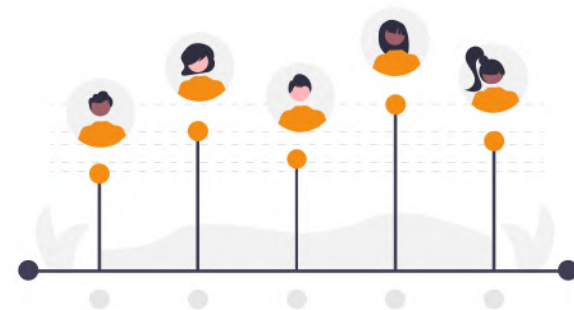


First Steps



Data availability

Get a pipeline to the real time data of the TLC



First customers

Early adopting tech affine
NYC cab drivers



Improve service

Tailor the product to the
need of the early adpoters



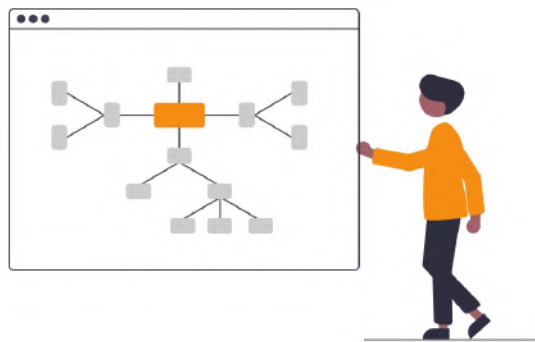
Grow

Grow within the
community, the US and
worldwide

Future possibilities



**Collect data from rides to feed platform
and improve service**



Fleet management services



Autonomous vehicle allocation

We make it possible



Ramona & Nils

Frontend / UI



Sebastian

Business development



Stefan & Oliver

Backend / AI

Saving thousands of jobs

Increasing cab drivers revenue

Safe gas

Nils Jacobsen • Ramona Dombetzki • Sebastian Wilhelh • Stefan Rummer • Oliver Kovacs



Backup



Business Model

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P&L

Price	\$29
Users	2,500 (10% NYC)
Revenue	\$72,500
Cost for service	\$1,500
Maintainance	\$10,000
Further Development	\$40,000
Other	\$10,000
Profit	\$11,000

PROBLEM

List your top 1-3 problems.



Cabs have a lot of empty time (<60%) trip time

Much competition among drivers and with for-hire services

Customers do not find cabs when they need it

Allocation problem, where is the demand?

EXISTING ALTERNATIVES

List how these problems are solved today

Public transport or long waiting time for a ride

for-hire cars: booking the ride in advance = know the demand of a certain customer

Private car

SOLUTION

Outline a possible solution for each problem.



Minimize empty time using hotspot prediction to guide drivers to the most promising location to get a ride fast

Share-ride services where booking a trip is mandatory become less convenient when a cab is very likely available at your location

KEY METRICS

List the key numbers that tell you how your



increase efficiency of service

More trips per shift

UNIQUE VALUE PROPOSITION

Single, clear, compelling message that states why you are different and worth paying attention.



At least one more trip per shift

We promise the cab drivers to get at least one additional trip per shift, which results in ~350 USD per month revenue extra

HIGH LEVEL CONCEPT

List your X for Y analogy (e.g. YouTube = Flickr for videos)



UNFAIR ADVANTAGE

Something that cannot easily be bought or copied



Sophisticated demand prediction model

Utility optimization based on predictions

CHANNELS

List your path to customer (inbound or



Taxi regulators and companies in the individual cities

Word of mouth between the drivers (How to beat Uber)

CUSTOMER SEGMENTS

List your target and users.



Cab drivers in NYC

Cab drivers in other major US cities

Cab drivers everywhere where data is available

EARLY ADOPTERS

List the characteristics of your ideal customers



Modern, motivated, tech affine NY City Cab driver

COST STRUCTURE

List your fixed and variable costs



Setting up the business

Get the data stream from the taxi companies running

Maintaining service

Marketing to drivers

REVENUE STREAMS

List your sources of revenue



Subscription by the drivers

Subscription by the cab companies

per prediction

per hour

per day

per week

per month

per year