Building the Most Advanced L4 Autonomous Driving Technology

autox Copyright © 2019

Presenter

Dr. Jewel Z. Li

zli@autox.ai

Founding Team

Chief Operating Officer

autox Copyright © 2019

Founder and CEO

Jianxiong Xiao (aka: Professor X)

- **Autonomous Driving Pioneer**
- **Founding Scientist for 3D Deep Learning**

- **Google Scholar Citation World Rank #1**

Self-driving Cars

Including object detection, scene understanding, advanced 3D information such as orientation.

3D Computer Vision

Understanding the world in 3D is key to autonomous driving.

- **Autonomous Driving Research Since 2007**

2005 Worked with Prof. Quan Long, top 3D Computer Vision Expert

Google **Early Research Project** **2007** Early Research Project: 3D Street Scene Understanding

2009 Collaborated with Nissan Autonomous Driving

2013 Founded 3D Deep Learning. Collaborated with Ford

autox Copyright © 2019

Democratizing Autonomy

AutoX Inside

Safety
Reliability
Efficiency

**Empowering the world with AI drivers
to accelerate universal access to transportation for people and goods,
safely and conveniently.**

autox Copyright © 2019

“Wintel” for L4 Autonomous Driving

Vehicle
Platform
Agnostic

autox **Self-driving Platform**

autox Copyright © 2019

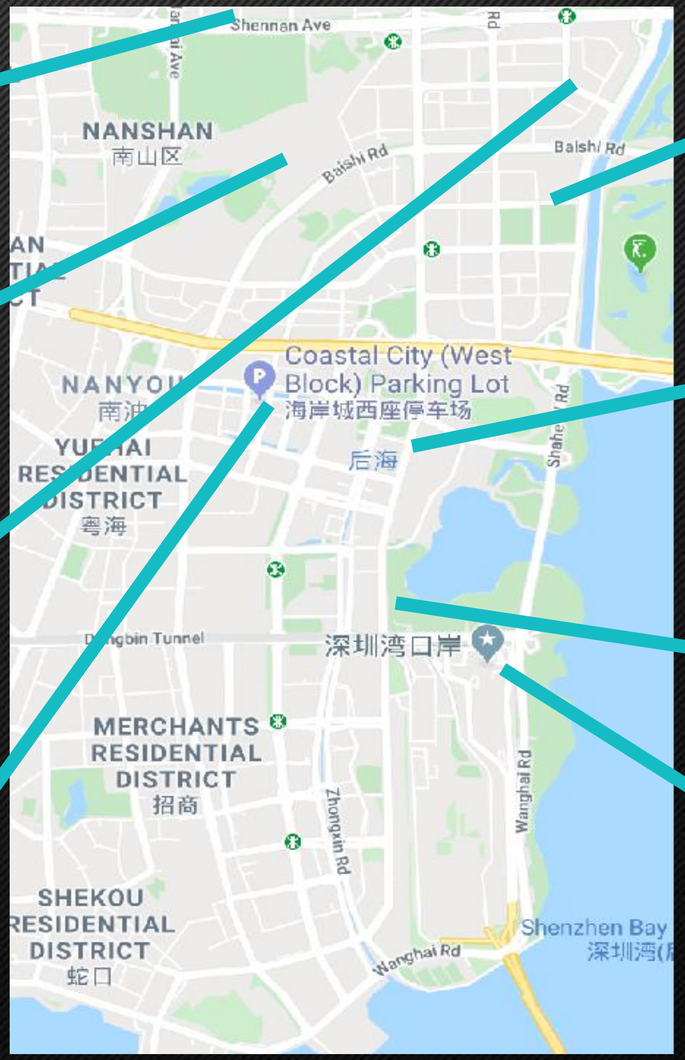
Testing and Pilots at Scale

Tencent

Shenzhen U

DJI

Costal City



Shenzhen Nanshan District

Tech Eco Park

Tallest Building

#1 Shenzhen Bay

Shenzhen Bay

autox Copyright © 2019

Scaled Testing in Downtown Urban Driving Scenario

Video Location:
Downtown Shenzhen
(Nanshan District)

Link: https://vimeo.com/367614933

autox Copyright © 2019

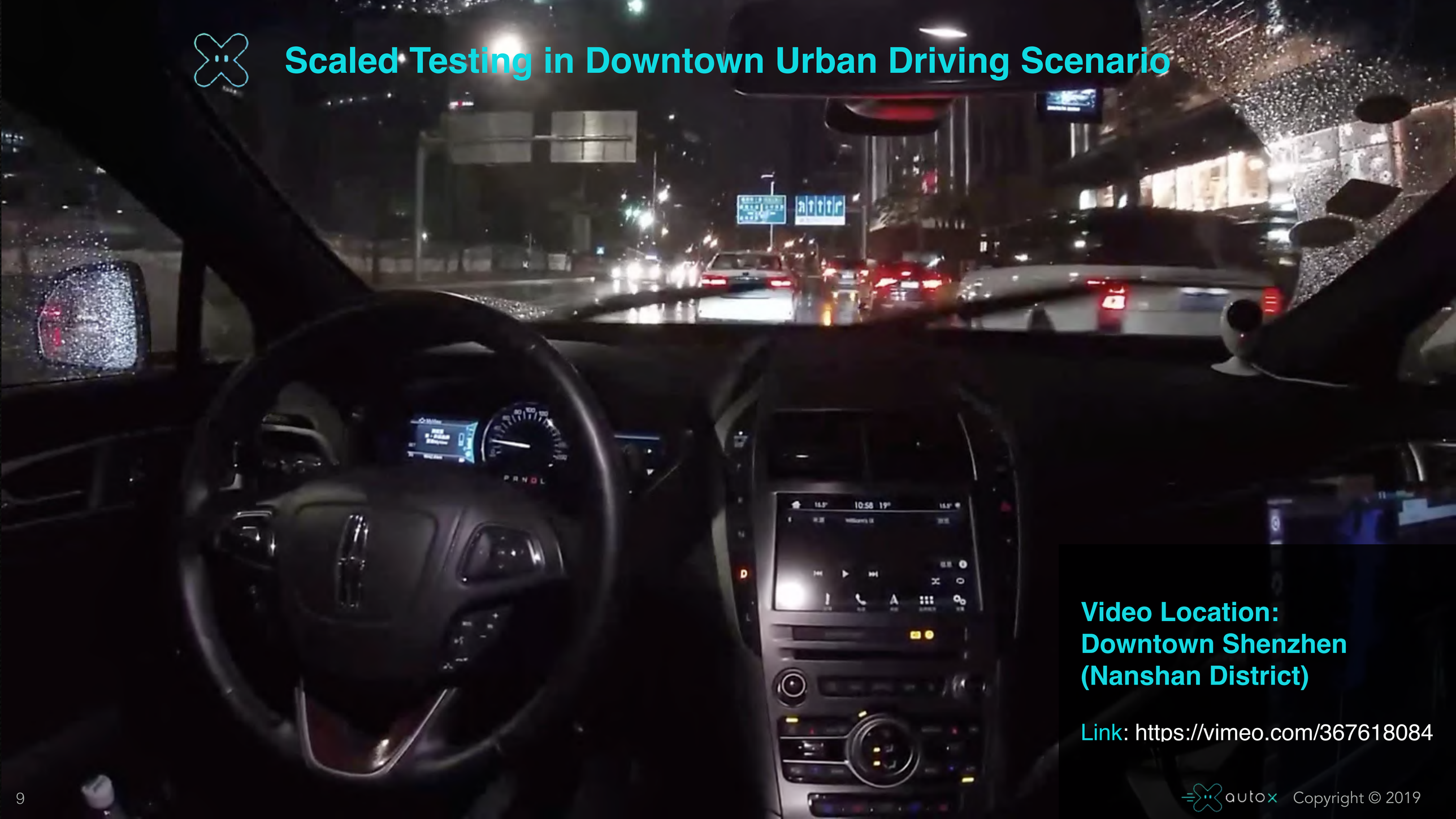
Scaled Testing in Downtown Urban Driving Scenario

Video Location:
Downtown Shenzhen
(Nanshan District)

Link: https://vimeo.com/367615412

autox Copyright © 2019

Scaled Testing in Downtown Urban Driving Scenario

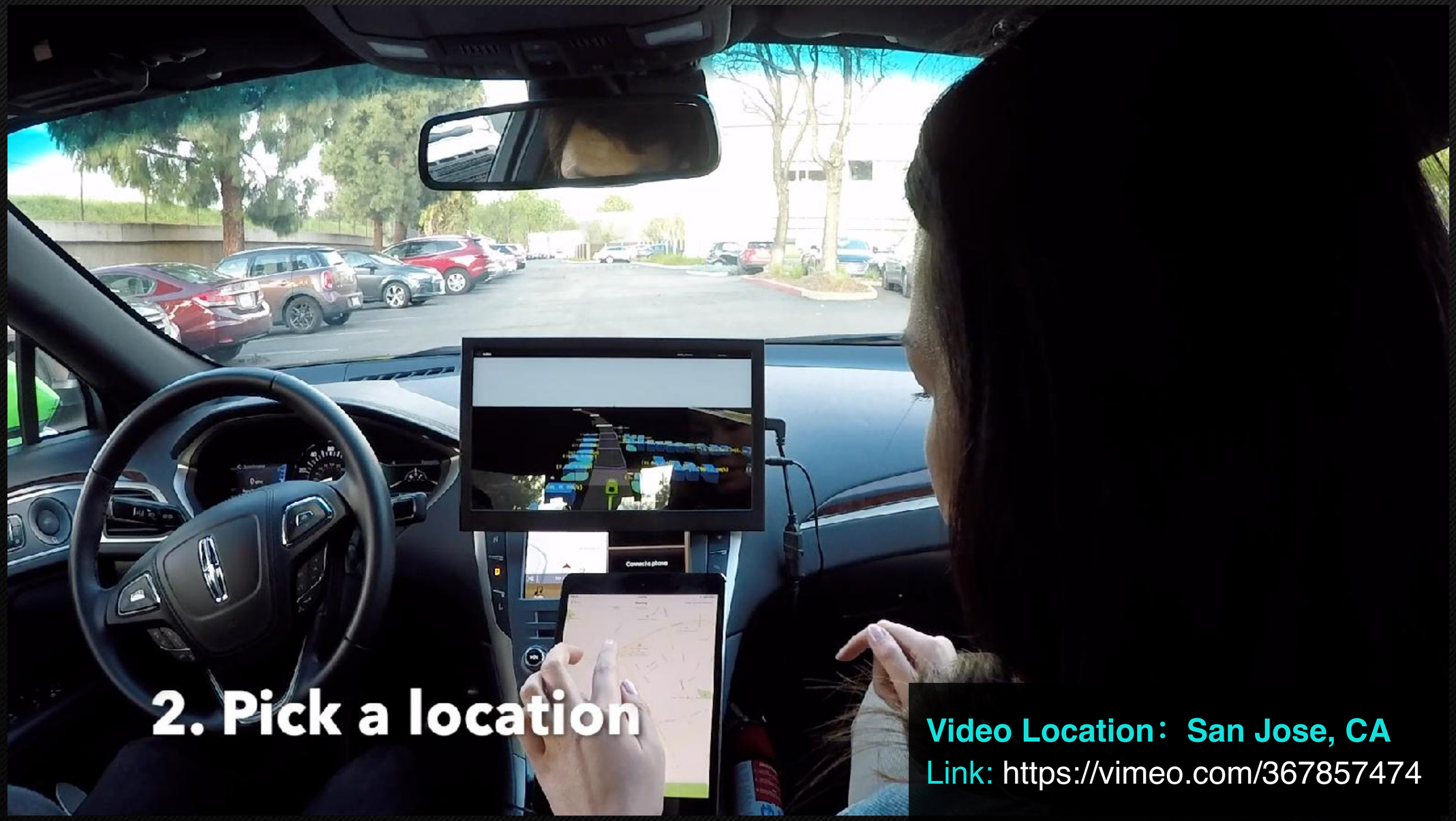


Video Location:
Downtown Shenzhen
(Nanshan District)

Link: https://vimeo.com/367618084

autox Copyright © 2019

AutoX Pilot Service in San Jose



Video Location：San Jose, CA
Link: https://vimeo.com/367857474

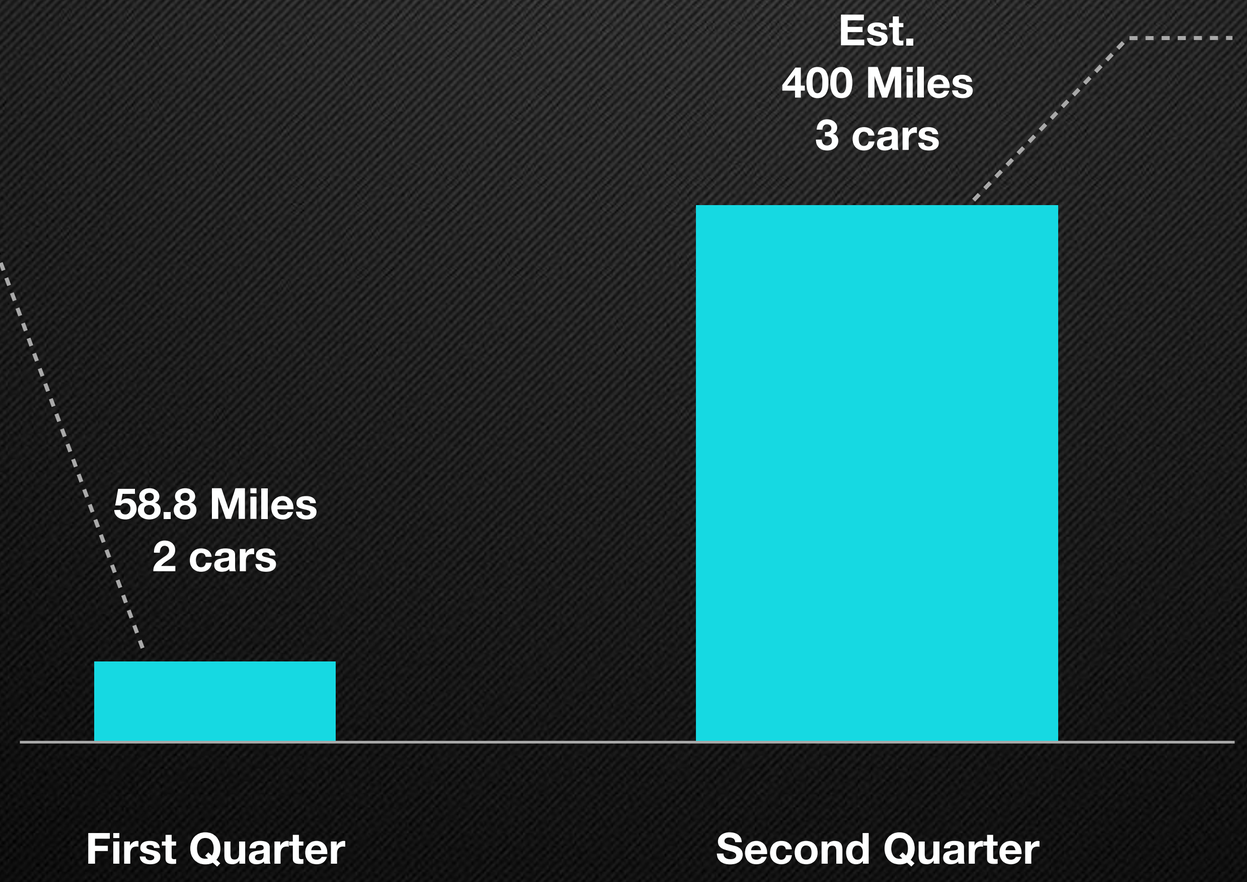
autox Copyright © 2019

AutoX Pilot Service in San Jose

Routes and destinations are not pre-determined

Selected Local Volunteers from the General Public

Company Invitations



Selected Local Volunteers from the General Public

Company Invitations

Friends and Family of Employees

autox Copyright © 2019

autox inside

autox Copyright © 2019