

I don't know anything about the prompt but figured I'd set up a doc for simply listing possibilities that were on the top of my head.

- Food delivery pods — dominos or someone could use small pods that could travel on sidewalks or bike lanes to deliver pizzas to people's houses; this would work for any food co. in fact, you could build a food delivery service yourself with a big enough fleet and maybe lease them out to different companies in addition to doing a grubhub style for local restaurants
- Mail/Delivery pods — redesign mailboxes to accommodate autonomous mail delivery. Small autonomous golf carts that roam neighborhoods
- Grocery stores — standardized aisles with standardized shelves. Possible to have auto carts that pick food based on a preorder or shopping list and bring it to baggers for pickup?
- Hotels — autonomous bellboy/room service. This should be simple relative to other areas because each floor's the same?
- Aging Population - There are a lot of statistics about baby boomers getting into their 70s (my parents!) and how there is a massive generation aging at the same time. With age comes the deterioration of some skills like sight, hearing, motor/etc which makes it difficult to drive. I have also read about how it is common when an elderly person loses mobility that their lifespan tends to drop and their cognitive abilities may weaken faster. (I'll obvi find data to prove these assumptions). I think the self driving industry has a huge opportunity with an aging population, and giving them the chance to remain mobile. I'm not sure what the "business" is per se - but the industry shift is something I think about. With younger people not owning cars (uber/lyft) and the boomers aging (losing cars), what will that do to demand for automobiles in the future?
  - Do enough senior citizens have smartphones to hail a Lyft? If not, what about a dedicated ride hailer device (a la Amazon Dash Wand) that allowed a senior citizen to just talk into something that fit on a keychain to hail an autonomous Lyft?
  - In the future, self-driving cars may not look like traditional cars with all the windows but enclosed cabins. What about creating a self-driving car cabin such that it caters to specific audiences. A personalized cabin of sorts:
    - Ex: young people might want it to be full of screens for entertainment or work and not care about seeing their surroundings while old people might want to keep an eye on things around them or just have different desires for what a cabin should be like
- Retail -- imagine having a personal shopper bot with you that could hold and secure your purchases, guide you around the store or mall, make suggestions based on your preferences (Gap is this way and having a sale)
- Transition to all-autonomous driving society -- no one will flip a switch and suddenly every car is autonomous. How do we make it safer for drivers in autonomous cars and non-autonomous cars? I recently thought of an idea for a vehicle communication system/standard whereby all cars speak to each other. Autonomous cars would use this

information to drive really close together and react to other cars (passing other vehicles, avoiding crashes, etc.). Human drivers would use this info to help them react as well (noise alerts, steer assist, etc.)

- Essentially, building a high-performing communication network so that ALL cars on the road know where each other is at all times
- Vending machines -- roaming vending machines that you could hail anytime you want. Could be useful in parks, theme parks, or just in general and could dispense cold drinks, snacks, etc. a convenience store on wheels?
- Charging -- wireless charging pads, self charging vehicles

Focus on adoption

Public Transportation - university shuttles

Giving the "freedom" that suburban drivers have to the lower class or elderly.

Narrower could reduce the density problem

Food desserts

Delivering supplies to countries in need

Agriculture

When to water

When to plant

When to harvest

Elderly and Poor - Mobile Kiosk that comes to them.

Partnerships with Corporate grocery stores

Expands their customer base, reaching them with autonomous vehicle.

Inventory can be specific

Kids/Retirement/Etc

Theft, or lack there of

Pharmacy

Valuable Resources - Time, Ability to Travel to groceries, Safety, Low Budget.

Partner with local food banks

Partner with corporations for donations

Accept EBT

Gather from local farmers markets for produce

Elderly - Ability to travel, Cost (fixed budget), Diminishing Health, maintaining independence

- Pick your own groceries
- Not a charity case

Working Professional-

Sense of Community is enhanced, experience

Doubles of Surveillance

**Future Case:**

Public Use of Safety

Advertising

Experience Interacting:

Touch Screen

Gathers in a brown paper bag

System for ranking the volumes/etc for loading (adaptability)

“Side Car” - leads to safety - can work w/ pre orders

Pay - Swipe EBT/CC/Cash

Pay w/ Cash - Give back a cash-loaded card

- Connect you with Venmo in Change
- Use Store Credit
- Can use them and have more access to shop without being embarrassed