

Advertising and the Autonomous Car Where there is Disruption, there is Opportunity

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This work was created in an open classroom environment as part of a program within the Sutardja Center for Entrepreneurship & Technology and led by Prof. Ikhlaq Sidhu at UC Berkeley. There should be no proprietary information contained in this paper. No information contained in this paper is intended to affect or influence public relations with any firm affiliated with any of the authors. The views represented are those of the authors alone and do not reflect those of the University of California Berkeley.



Free Personal Transport Through Adverts!







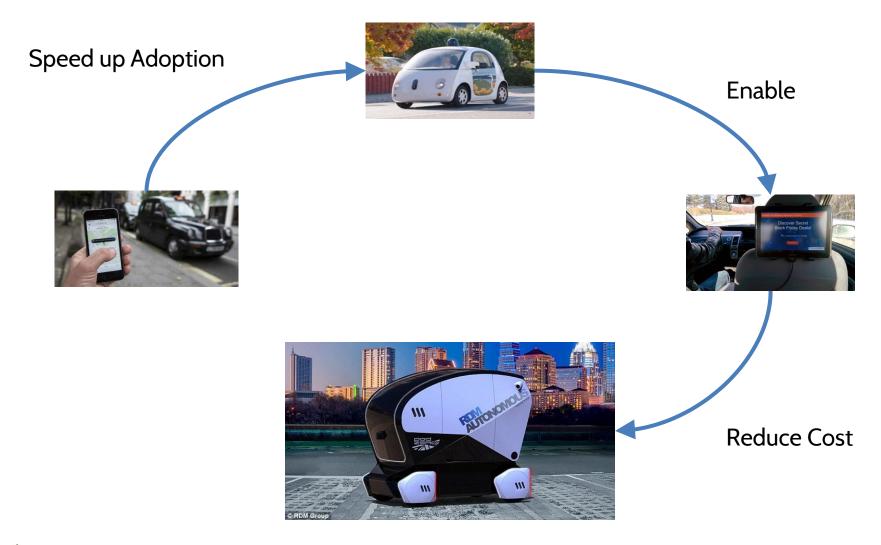
Flow

- How do we get there?
- When do we get there?
- Who is there today? (Current Lansdcape)
- Why will this change? (Coming Disruptions)
- Caution Ahead! Legal/Regulatory Issues
- What can be done? Investment Strategy
- How do we assess? Ad Network Capability Score
- What's it Worth?
- How we take advantage? (Opportunity)





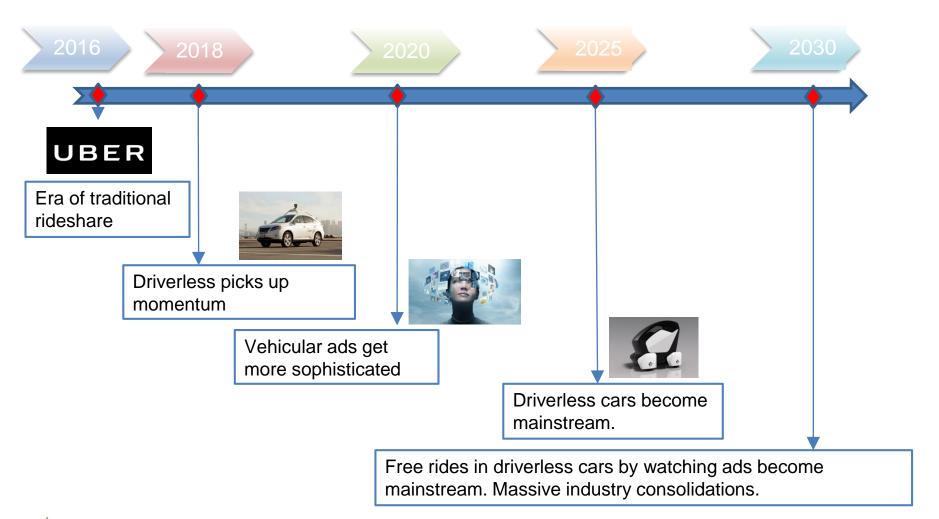
How Do We Get There?







When Do We Get There?







Who Is There Today?



Uber - #1 in traditional rideshare.



Tesla - #1 in Electric cars today.



Ad networks

Doubleclick internet ad
serving services



Admob- Focused on mobile app advertising



Content partners



NETFLIX







Merchants /
Agencies





WPP





Why This Will Change?

Cars



- Competition
- Minimum cost wins
- No cab fare if watching ads

Ad networks





- Poor ROI today
- Destination info, profile are wealth of personal info
- Advanced data analytic
- AR & VR technologies

Content partners



- New market
- Suitable content for rideshare
- Dynamic ad insertion

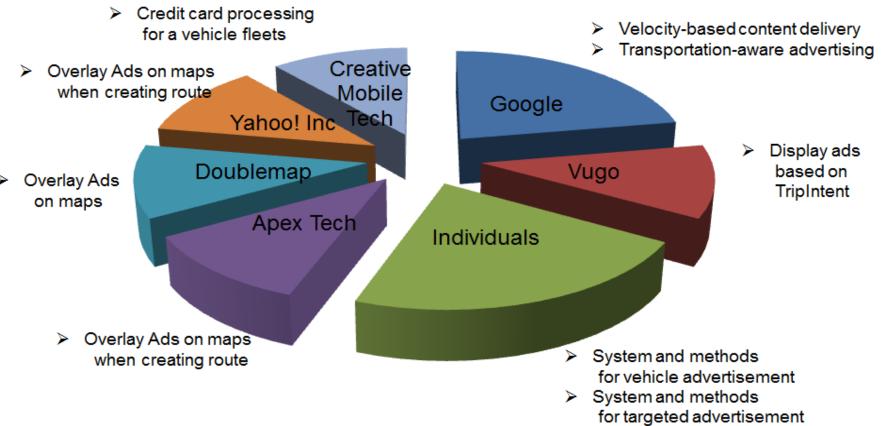






Caution Ahead!

Patent Landscape







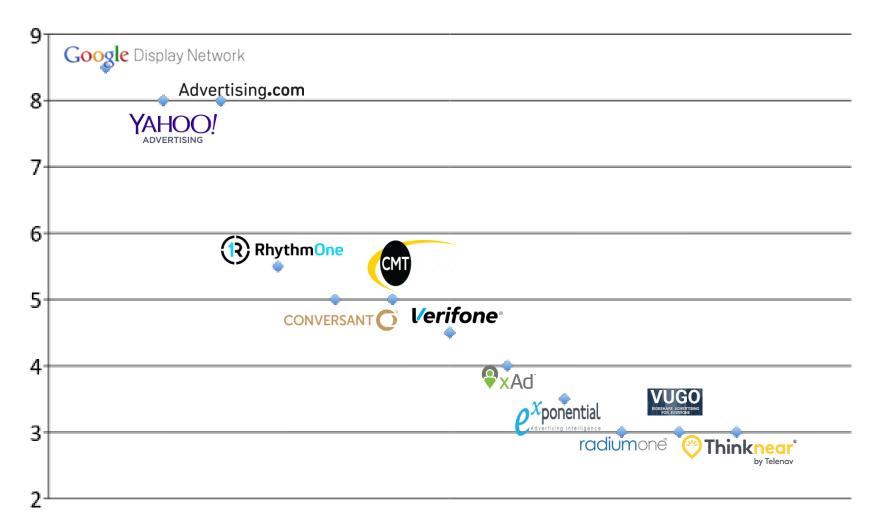
What Can Be Done?

Company	Autonmous cars expertise?	Ad networks?	Streamable content – owned or partnered	Retail relations?	Mobile apps capability	AR/VR capability?	Investment or M&A experience ?
Google	1	O DoubleClick	The Control of the Co	1		1	1
UBER	1		1		1		
TESLA	1				1		1
<u>éapple</u>	1			1		×	1
facebook		1			1	oculus	1





How Do We Assess?



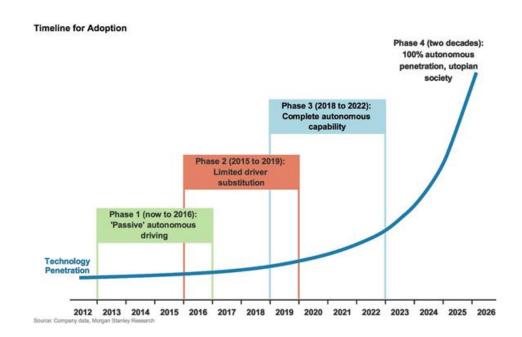




What's It Worth?

- It's generally accepted that 2020 will be the time autonomous cars become a major force on the roads.
- Between 2018 and 2020 control of the in-car ad network will change.
- Mobile Ad Spend to top \$100B worldwide

As such, its is expected that main driver between adverts as supplemental compensation to a main revenue stream within a P&L could occur in 2018.



* The total value of the global real-time mobile location-based advertising and marketing (LBA) market will grow from \$1.66 billion in 2013 at a compound annual growth rate (CAGR) of 54 percent to \$14.8 billion in 2018, according to a research report from the analyst firm Berg Insight. http://www.eweek.com/mobile/location-based-advertising-market-to-hit-nearly-15-billion-by-2018.html





How We Take Advantage













Free Personal Transport Through Adverts!





