

# NEOCRACY & AI

## An evolution of democracy

By Inspector Rex

### Introduction

Abe Lincoln viewed democracy as 'Government of the people, by the people, for the people'.

Accepting the first and third propositions, it is hardly the case that the second is - because of a system where a person votes for a candidate for Parliament/Congress etc., usually just once in three or four years.

For the first time in history, now with instant global mass communication, voting can be achieved much more frequently. It will be online with hacking impossible even with quantum computers.

Global online petitions and online surveys are already well-established public opinion determinants.

### Governance

Governance in a Neocracy will be quite different.

It will be run by elected expert groups, for example a Health expert group will consist of doctors, nurses, medical researchers etc - and so on for Education, Defence, Trade expert groups etc.

Then for example an Education 'bill' will be displayed online and those interested can vote on it. Suggestions to expert groups can be made online by ordinary persons at any time.

Voting will not be compulsory.

A majority vote on a bill (greater than 50%) will mean that the bill is then legislated as an Act.

There must be a minimum percentage of eligible voters in the population that have voted (say 20%) else the bill lapses – but could be reconsidered at a future time.

This procedure ensures that the voice of the people is heard directly, irrespective of who else thinks they make decisions – it is the **people** who make the decisions. Preparation and formation of a bill will be constructed by the expert group whose 'portfolio' that is – for example the expert Education group for a bill on Education.

Voting will be done online.

Politicians will become irrelevant; however, they can form parties to become persuasive telemarketers or PR groups to convince the public of their viewpoint.

The civil/public service will be greatly reduced, since senior public servants, who supply their opinion to the Minister, and whose sources are the expert groups will now not be necessary as it is the expert groups who are in charge. A representative from each of the expert groups will form a 'cabinet'.

*(The above ideas were constructed without knowledge or appeal to any philosophy. It is now noticed that it essentially develops the idea of Plato's Republic – that philosophers should be kings (or that the learned should rule) – but now stated in more modern terms.)*

### **Automation**

Automation and artificial intelligence will develop so that all production will be automated, including increasingly white-collar jobs like insurance. IBM's Watson computer, champion of Jeopardy, assists physicians and lawyers.

### **Examples**

**Attribution: NY Times**

#### *As Immigrant Farmworkers Become More Scarce, Robots Replace Humans*



An automated harvesting machine at Taylor Farms in Salinas, Calif., uses a high pressure water stream to cut romaine lettuce heads. It replaces a crew of many farmworkers.  
CreditJim Wilson/The New York Times

**By Miriam Jordan**

- Nov. 20, 2018

SALINAS, Calif. — As a boy, Abel Montoya remembers his father arriving home from the lettuce fields each evening, the picture of exhaustion, mud caked knee-high on his trousers. “Dad wanted me to stay away from manual labor. He was keen for me to stick to the books,” Mr. Montoya said. So he did, and went to college.

Yet Mr. Montoya, a 28-year-old immigrant’s son, recently took a job at a lettuce-packing facility, where it is wet, loud, freezing — and much of the work is physically taxing, even mind-numbing.

Now, though, he can delegate some of the worst work to robots.

Mr. Montoya is among a new generation of farmworkers here at Taylor Farms, one of the world’s largest producers and sellers of fresh-cut vegetables, which recently unveiled a fleet of robots designed to replace humans — one of the agriculture industry’s latest answers to a diminishing supply of immigrant labor.

The smart machines can assemble 60 to 80 salad bags a minute, double the output of a worker.

Enlisting robots made sound economic sense, Taylor Farms officials said, for a company seeking to capitalize on Americans’ insatiable appetite for healthy fare at a time when it cannot recruit enough people to work in the fields or the factory.

### **Car future**

A car engine has 20,000 individual parts. An electric motor has 20. Electric cars are sold with lifetime guarantees and are only repaired by dealers. It takes only 10 minutes to remove and replace an electric motor. Faulty electric motors are not repaired in the dealership but are sent to a regional repair shop that repairs them with robots. Your electric motor malfunction light goes on, so you drive up to what looks like a Jiffy-auto wash, and your car is towed through while you have a cup of coffee and out comes your car with a new electric motor!

Petrol service stations will go away. Parking meters will be replaced by meters that dispense electricity. Companies will install electrical recharging stations; in fact, they’ve already started. You can find them at select Dunkin Donuts locations.

Most (the smart) major auto manufacturers have already designated money to start building new plants that only build electric cars.

GM has announced that it will not be building gas-fuelled cars after 2035.

Coal industries will go away. Petro/oil companies will go away. Drilling for oil will stop. So say goodbye to OPEC!

Homes will produce and store more electrical energy during the day than they use and will sell it back to the grid. The grid stores it and dispenses it to industries that are high electricity users. Has anybody seen the Tesla roof?

A baby of today will only see personal cars in museums.

The FUTURE is approaching faster than most of us can handle.

In 1998, Kodak had 170,000 employees and sold 85% of all photo paper worldwide. Within just a few years, their business model disappeared and they went bankrupt. Who would have thought of that ever happening?

What happened to Kodak will happen in a lot of industries in the next 5-10 years and, most people don't see it coming.

Did you think in 1998 that 3 years later, you would never take pictures on film again? With today's smart phones, who even has a camera these days?

Yet digital cameras were invented in 1975. The first ones only had 10,000 pixels, but followed Moore's law. So as with all exponential technologies, it was a disappointment for a time, before it became way superior and became mainstream in only a few short years. It will now happen again (but much faster) with Artificial Intelligence, health, autonomous and electric cars, education, 3D printing, agriculture and jobs.

Forget the book, "Future Shock", welcome to the 4th Industrial Revolution.

Software has disrupted and will continue to disrupt most traditional industries in the next 5-10 years.

UBER is just a software tool, they don't own any cars, and are now the biggest taxi company in the world!

Ask any taxi driver if they saw that coming.

Airbnb is now the biggest hotel company in the world, although they don't own any properties.

Ask Hilton Hotels if they saw that coming.

Autonomous cars: In 2018 the first self-driving cars are already here. In the next 2 years, the entire industry will start to be disrupted. You won't want to own a car anymore as you will call a car with your phone, it will show up at your location and drive you to your destination. You will not need to park it you will only pay for the driven distance and you can be productive while driving. The very young children of today will never get a driver's license and will never own a car.

This will change our cities, because we will need 90-95% fewer cars. We can transform former parking spaces into parks.

1.2 million people die each year in car accidents worldwide including distracted or drunk driving. We now have one accident every 60,000 miles; with autonomous driving that will drop to 1 accident in 6 million miles. That will save a million lives plus worldwide each year.

Most traditional car companies will doubtless become bankrupt. Traditional car companies will try the evolutionary approach and just build a better car, while

tech companies (Tesla, Apple, Google) will do the revolutionary approach and build a computer on wheels.

Look at what Volvo is doing right now; no more internal combustion engines in their vehicles starting this year with the 2019 models, using all electric or hybrid only, with the intent of phasing out hybrid models.

Many engineers from Volkswagen and Audi; are completely terrified of Tesla and so they should be. Look at all the companies offering all electric vehicles. That was unheard of, only a few years ago.

Insurance companies will have massive trouble because, without accidents, the costs will become cheaper. Their car insurance business model will disappear.

Real estate will change. Because if you can work while you commute, people will move farther away to live in a more beautiful or affordable neighbourhood.

Electric cars will become mainstream about 2030. Cities will be less noisy because all new cars will run on electricity. Cities will have much cleaner air as well.

Electricity will become incredibly cheap and clean.

Solar production has been on an exponential curve for 30 years, but you can now see the burgeoning impact. And it's just getting ramped up.

Fossil energy companies are desperately trying to limit access to the grid to prevent competition from home solar installations, but that simply cannot continue - technology will take care of that strategy.

Health: The Tricorder X price will be announced this year. There are companies who will build a medical device (called the "Tricorder" from Star Trek) that works with your phone, which takes your retina scan, your blood sample and you breathe into it. It then analyses 54 bio-markers that will identify nearly any Disease. There are dozens of phone apps out there right now for health purposes.

### **Artificial Intelligence and Robots**

Computers become exponentially better in understanding the world. In the year 2020, a computer beat the best Go-player in the world, 10 years earlier than expected.

In the USA, young lawyers already don't get jobs. Because of IBM's Watson, you can get legal advice (so far for right now, the basic stuff) within seconds, with 90% accuracy compared with 70% accuracy when done by humans. So, if you study law, stop immediately. There will be 90% fewer lawyers in the future, (what a thought!) only omniscient specialists will remain.



Watson already helps nurses diagnosing cancer, it's 4 times more accurate than human nurses.

Facebook now has a pattern recognition software that can recognize faces better than humans. In 2030, computers will become more intelligent than humans.

**ChatGPT** which reached intense global notice, causing a sensation in 2023 can be found at: <https://openai.com/blog/chatgpt>

It states:

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer follow up questions, admitting its mistakes, challenge incorrect premises, and reject inappropriate requests.

This has led to intense speculation as to whether AI and robots will eventually supersede humans and indeed should humanity fear them. Would they control us?

In AI development by humans this question can be answered by restriction or regulations being placed on AI. For example one primary design feature would be "NO robot or non-human AI 'machine' must injure a human."

The various regulations imposed on AI development is the creation of a morality in the 'machine' of an AI society.

AI and robotic research will continue so that at some stage robots will create robots. This will be an artificial, or better, *physical*, evolution rather than our biological evolution.

Would robots subjugate us – should we fear them? I do not believe so.

The very fact that we humans are concerned over the issue stimulates us to pause, and later perhaps make laws about them, restrict, in various ways, etc., what robots would be capable of in their evolution, would be in fact to limit their development so that, for example they don't kill all humans or don't all commit suicide.

In fact I believe the development of AI will emulate the development of humans – and in the development we would imbue them with our sense of morality, thinking etc., – although they will develop their own ideas and thoughts. However, I do not believe they will start annihilating humans.

Just as we let animals live beside us without hindrance, or confine them if they may be dangerous to us, so will robots treat us.

There was an extremely prescient movie made in 1970 called "Colossus: The Forbin Project" about just such a projection into the future where computers have developed to a stage more advanced than humans. It is unbelievable that such a projected future could be predicted in 1970! (Movie is freely downloadable)

## **Work**

Although, service sectors cannot be entirely eliminated since unpredictable events such as natural and human disasters will still need human intervention.

There will hopefully be 'total unemployment'. Marxist sayings such as 'workers of the world unite' and the class that 'owns the means of production' (bourgeoisie) will be meaningless as there will be no 'workers' and production is automated.

So with 'total unemployment' what will one do with oneself? Well, what do you want to do - play golf, go fishing, read books, learn the piano, whatever?

But how will we 'earn a living', how will we live?

Government will provide. There will be a universal income, the same for all.

Agriculture is fairly well automated already. Driverless trucks and shipping will be commonplace.

Aircraft already have autopilot (with manual override) in which we trust our lives.

Food will be delivered from the automated farm by driverless transport to your door.

It is hoped that the transition from work to total leisure can be achieved as soon as possible.

Many people work but also, in their spare time, have hobbies. Many people enjoy the work they are doing as practically a hobby itself.

The transition from work to hobby we conveniently call 'wobby', which some people are already practising.

Government should 'work' towards 'not working' i.e., to leisure.

Government policies such as 'Jobs, jobs, jobs' should transition through 'wobby, wobby, wobby' to 'hobby, hobby, hobby'.

It is impossible to give more than the tiniest glimpse of such a future. A manifesto would occupy a full book.

## **Ownership**

Ownership of land

A country owns the land within its boundaries. Individuals can purchase land when it becomes available from other landholders or when released by the Government. Various parts of land are 'owned' by certain authorities and used for particular purposes – for example cemeteries.

Ownership of 'property'.

This is of a more transient nature than land. Everyone 'owns' some personal 'property' or other, whether it be a refrigerator or a library of books etc. Most simple property can be replaced.

Some 'expensive personal' property, such as jewellery (Elizabeth Taylor's HUGE diamond, Jackie Onassis' jewels, usually, at present, come up for sale at auctions or otherwise and are transient.

But then there are non-transient objects, which really belong to no one – perhaps 'the Government', in effect, the citizens 'own' the object – such as the Pyramids of Egypt, the Taj Mahal or mountains or rivers.

## **Is there a role for Money**

Government, that is, YOU, will provide the necessities.

At a societal level, governments already supply water and electricity, roads etc.

At a personal level, if one wanted a new refrigerator, for example, one just needed to go online to the Government (i.e., your) store select one from a displayed range, and get it delivered by autonomous truck to you.

The same applies to all household items.

No money is needed.

Since Government can provide the necessities for living it is a matter of consideration whether money is needed any more.



**Inspector Rex**