

DECADE OF DISRUPTION, INNOVATION AND EVOLUTION

(THE D. I. E EFFECT)

Beginning of a new Decade, 1.1.2020 onwards....

A decade abbreviated as –

D – DISRUPTION

E – EVOLUTION (new startups / UNICORNS)

C – CYBER THREATS

A – ANALYTICS, AI

D – DIGITAL REVOLUTION, DIGITAL TRANSFORMATION

E – ENTREPRENEURSHIP & EMPOWERMENT

A decade where we would witness –

1. Industrial Revolution 4.0 (Opportunities Vs Threats)
2. Cash Free Economy / Digital Currency / Crypto Currency
3. Data Science / Analytics / Artificial Intelligence / Machine Learning / Robotics / Blockchain (reduction vs creation of jobs)



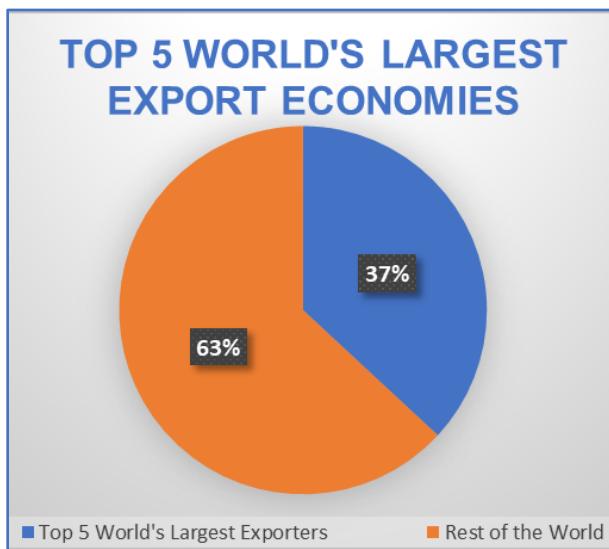
MARKET DOMINANCE – SCALABILITY VS SUSTAINABILITY

Some of the Larger Economies in the world have continued to grab lion's share of trade.

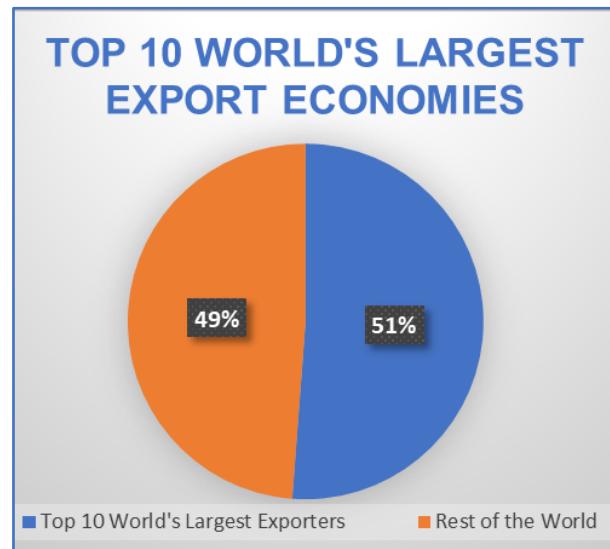
Refer to images below –

Some Vital Statistics

Top 5 economies in the world command in excess of 36 % share in exports Globally



Top 10 economies in the world command in excess of 51 % share in exports Globally



*statistics as of 2018, source – world trade organization

How long will this scalability be sustainable?

Will in house production in importing countries ever cope up with domestic demands in these countries, given the effect of Urbanization and availability of young workforce?



BUSINESS ASSUMPTIONS

Given the disruptions and the rapid pace at which UNICORNS have mushroomed in the recent past and fierce competition witnessed locally and globally, Business Houses would be forced to recast revenue and expenditure figures in business plans?

What would happen to business projections and underlying assumptions based on which these projections have been compiled? The race is on, is fierce and moves faster than a clock!

Success Vs Clock



Criterias keep on changing

Same is the case with your business assumptions.

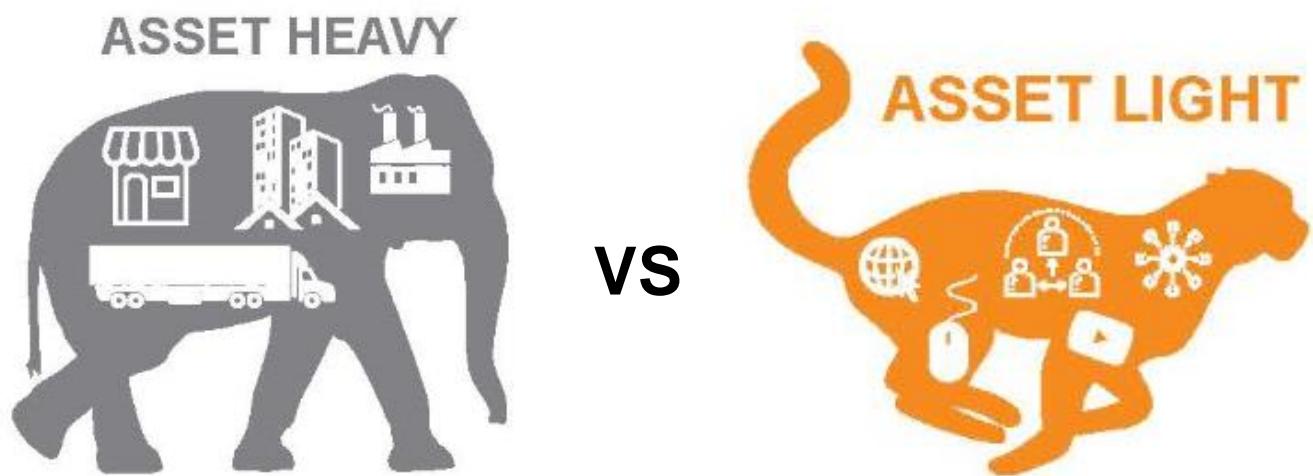
How dynamic are these assumptions? Time to revisit business strategies.



ASSET HEAVY VS ASSET LIGHT

Companies with no asset but technology, competing with conglomerates having huge asset base. These disruptors will eventually participate in this competition race and grab a major share of the market demand that the enterprises shouldering huge asset base have been catering to. It's a race of

ELEPHANT VS CHEETAH



It's time to debottleneck existing capacity and enhance output before considering CAPEX commitments.

Sustainability is the KEY. Payback period may be shorter at the inception but may eventually extend beyond projected timelines.

Time to reconsider CAPEX Projections and Commitments....

DATA AND BIG DATA

A famous Bollywood personality narrated in dialogue in a famous Bollywood movie –

I can walk English
I can talk English
I can laugh English

Similarly, data is generated every moment, in every act, be it while walking, talking or working.

By 2025, **463 Exabytes (463,000,000,000,000,000 bytes) of data (equivalent to 212.7 million DVD's storing data)** will be generated every day, as quoted by World Economic Forum in one of its reports.

Whilst private sector enterprises continue to harness the potential of this data collected, it is imperative that this data is stored with utmost safety and precaution.

Accountability and Responsibility for –



Storage of Data?

Privacy of Data?

Safety of Data?

Uniform Guidelines, policies and regulations are the need of the hour and Governments are to ensure effective administration of these policies and regulations.



CYBER THREATS

There's a famous saying –

“Even the best thief in the world can't steal time”

But

Efficient Thieves can steal this data

Result..., data in the hands of perpetrators.

Data breaches exposed 4.1 billion records in first half of 2019. Most of these breaches were financially motivated.

Business houses, be it small or large, are struggling to enhance cybersecurity to avoid any data breach. “Cybersecurity” as a subject, that was hardly touched upon in corporate meetings, is now a necessity and substantial amount of funds are allocated by enterprises globally, to stay AGILE.

As quoted in one of the surveys conducted by Gartner,

Worldwide spending on cybersecurity is forecasted to reach \$133.7 billion in 2022. ([Gartner](#))

Whilst the societies may be protected by physical thefts to the extent possible,

Will this CAT and Mouse Chase ever end?

THIS IS A DECADE OF LEARNING AND STAYING AGILE....

By CA Dhaval Jasani

(these are purely thoughts, not meant for any commercial advice, quoted without any liability or obligation on the part of the writer)

