

PROBLEM STATEMENT

Supply Chain Management
&
E-Commerce

TEAM IMPECCABLES

Institute :- IIT ISM Dhanbad

Paila Dheeraj Kumar

Akula Rohan Sai Chandra

Avula Neeharika



Strategies

Short-term

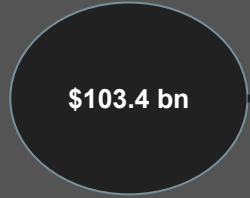
- Forecasting Demand Fluctuations
- Push supply chain
To
Pull supply chain

Mid-term

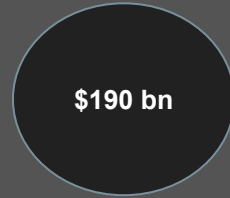
- Information flow throughout the supply chain
- Enterprise Resource Planning
- Contracts Signing
- Integration with Artificial Intelligence

Long-term

- Vertical integration
- AI enabled distributions to warehouses, retail stores and e-commerce
- Integration with Machine Learning.



Market value as
of 2020-21



Market value as
of 2025-26

Short-term Output

Mid-term Outcome

Long-term Impact

- AI enabled supply chain planning to allow optimized demand planning.
- Stable supply chain management

- AI enabled supply chain planning to allow traceability of origins through blockchain
- You will have good relations with distributors and suppliers.

- Maximize and utilization of costs through automated operations.
- Enhanced customer experience through the delivery of the best quality goods at the right time

Analysis

The History

YEAR	YOY Growth(In %)
2017-18	6.33
2018-19	9.52
2019-20	-44.20
2020-21	14.29

The Future

YEAR	YOY Growth(In %)	YEAR	Revenue(In million rupees)
2021-22	18	2022	207.68
2022-23	23	2023	255.45
2023-24	28	2024	326.90

9%

Market Share

Leverage Digital Innovations

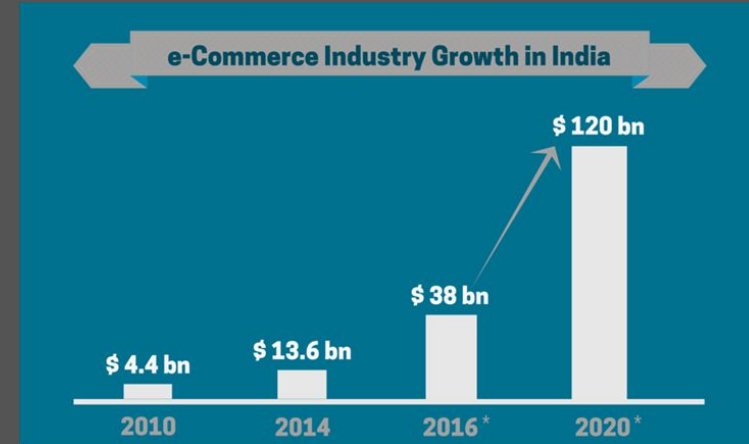
Integration with

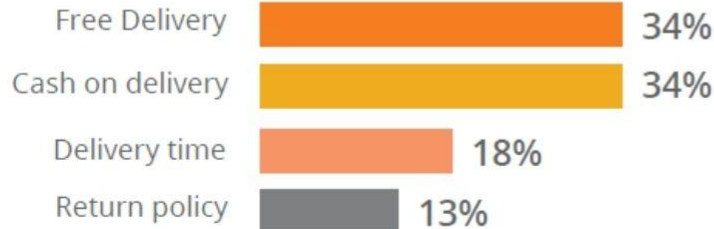
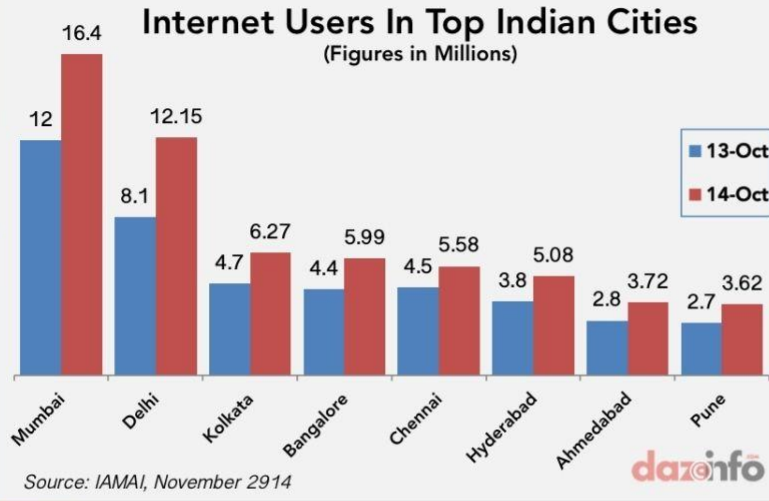
- Artificial Intelligence
- Internet Of Things
- Machine Learning

We achieve :-

Real-time visibility and transparency of your end-to-end supply chain

To have transparency in the transportation of goods to be delivered to customers with online shopping.





- E-Commerce mode of marketing is the most rapidly increasing mode of usage from 2016 especially after covid pandemic.
- As we can see the areas where mostly E-commerce is used are the areas where our warehouses are located.
- Most of the people prefer purchasing goods or services on free delivery or COD mode of payment, which is because of the delivery.
- People nowadays prefer faster delivery of goods and services.
- So, we can directly provide customers by our goods and services directly from warehouses hiring some delivery employees
- We can even make some mid term agreement with other companies like OLA , Uber, Zomato, Swiggy Etc....

Optimum costs of distribution

DISTRIBUTOR-1

BANGALORE

MUMBAI

SURAT

INDORE

JAIPUR

GURUGRAM

LUCKNOW

DISTRIBUTOR-2

BHUBANESWAR

KOLKATA

GUWAHATI

The cost of distribution can be kept optimum by dividing the distributors to different warehouses, to get optimal cost.
The optimal cost we get is Rs.1,84,640/-

The End