

# “Visualizing India's trade data to provide insights into most important sectors for development and efforts”

## Track Name

Track C: Data Visualization

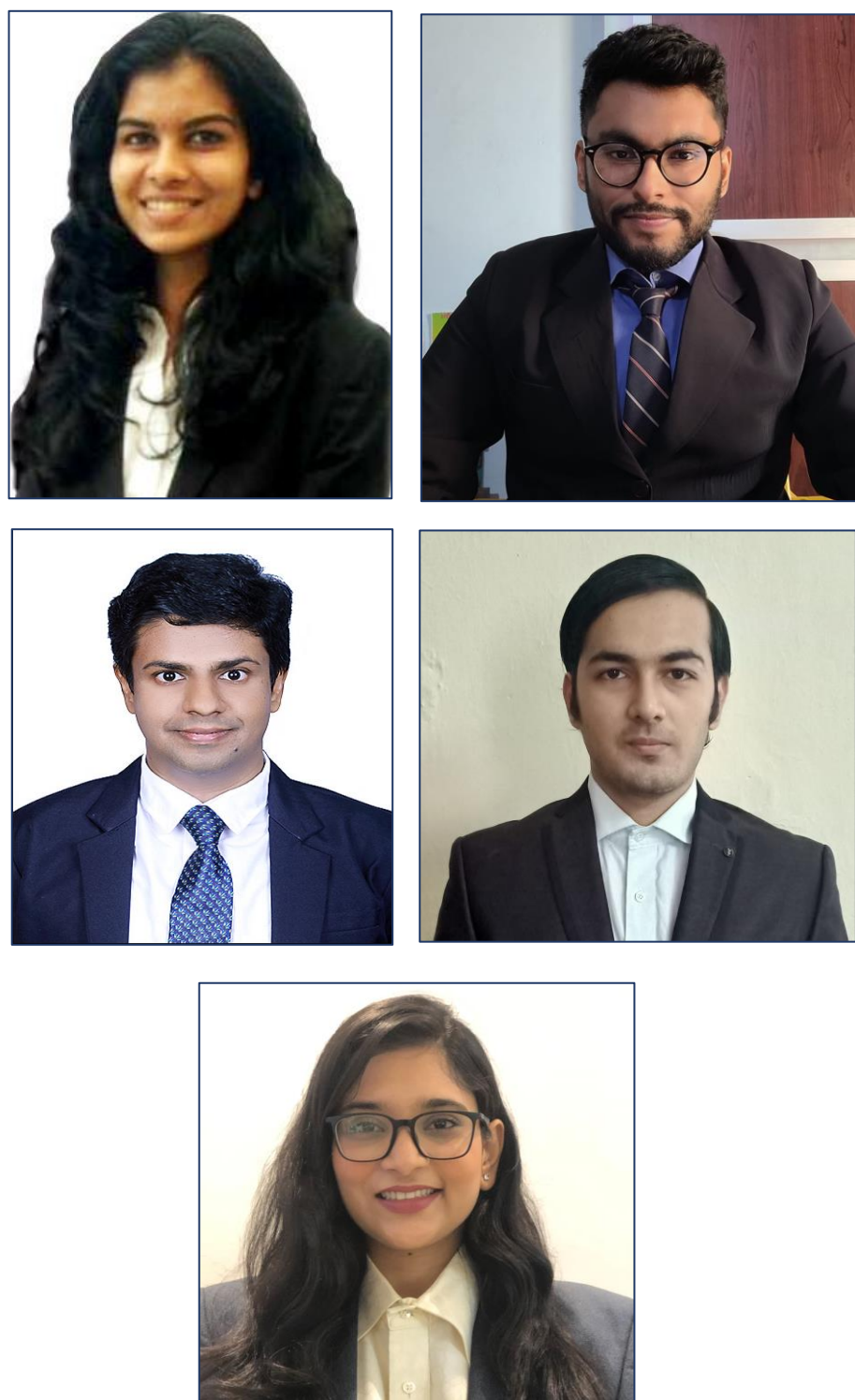
## Team Name

Synergy

## Team Members

- ❖ Aanchal Gaggar
- ❖ Anurag Patnaik
- ❖ Gautam Iyer
- ❖ Shobhit Juyal
- ❖ Utkarsha Patil

## Team Synergy



## Team Values

- ❖ Authenticity
- ❖ Collaboration
- ❖ Innovation
- ❖ Passion
- ❖ Efficiency
- ❖ Commitment

## Question Statements

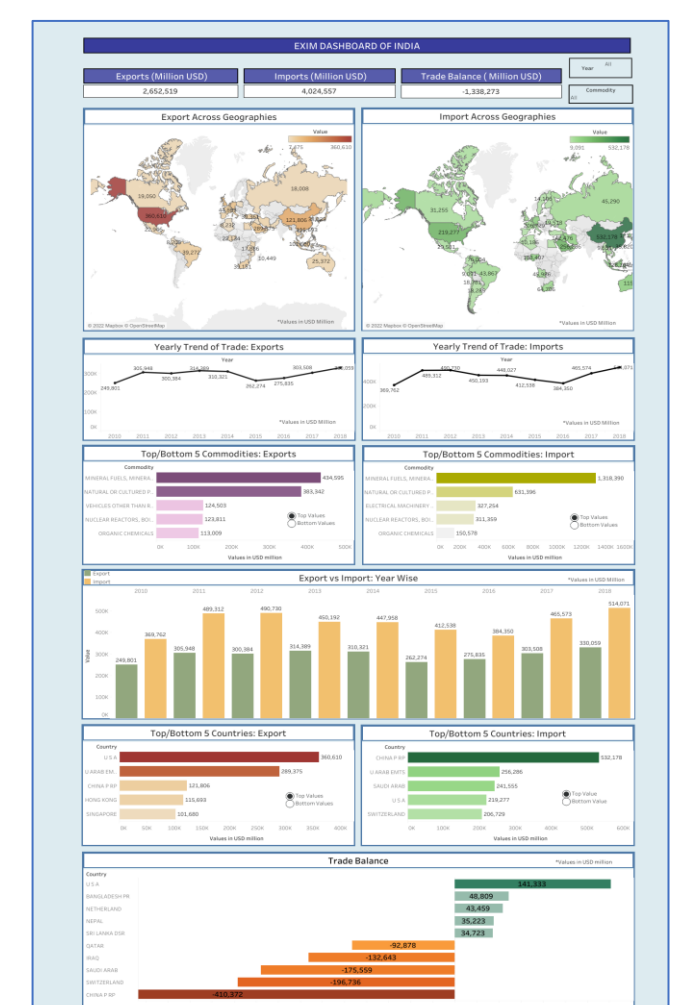
- ❖ What is the overall trade across various geographies?
- ❖ What is the value of export and import across various years?
- ❖ Which commodity forms a major chunk of trade?
- ❖ How has the trade between India and any given country grown over time?

## Stakeholder Map

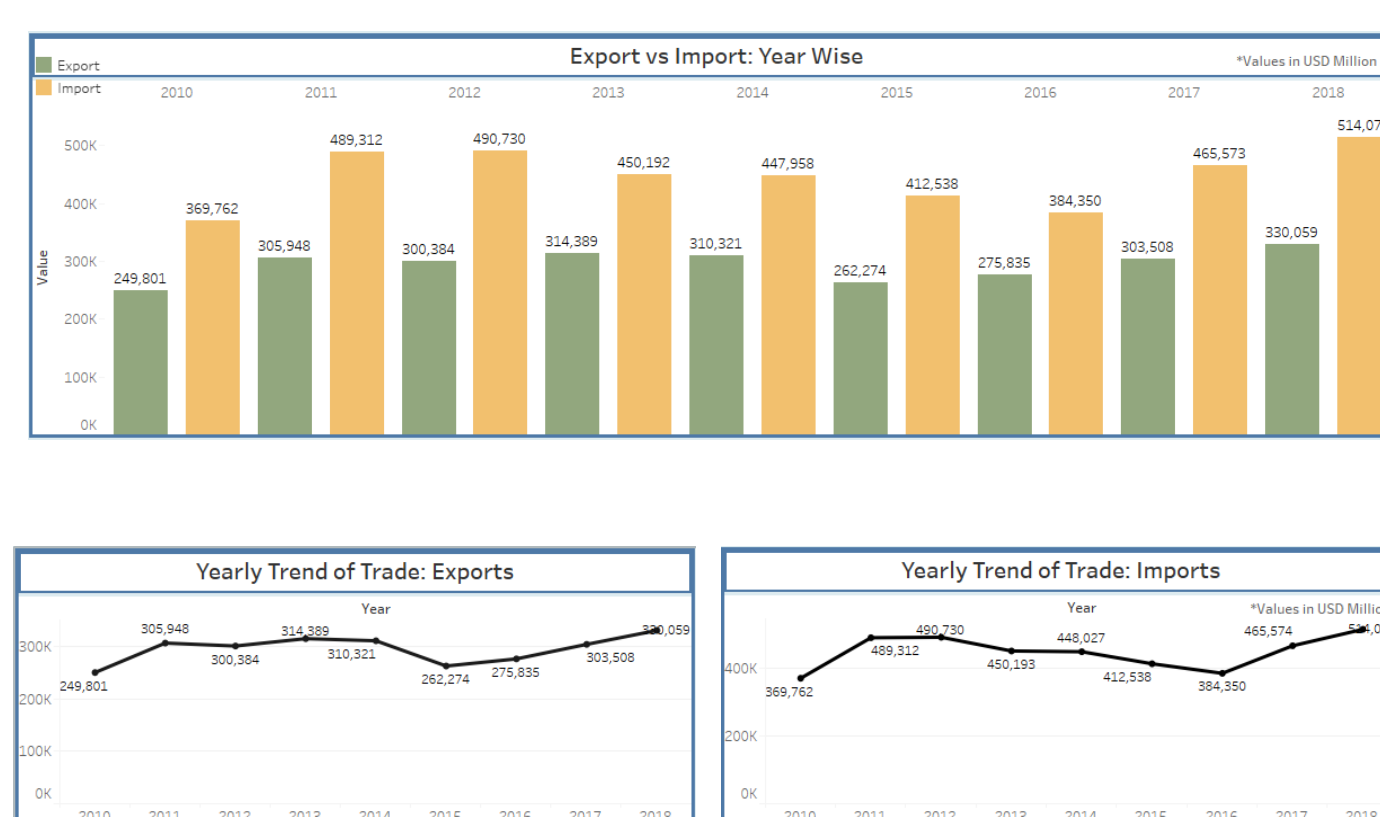


## Solution

We have built an EXIM dashboard analyzing the trade data across geographies in various years. This dashboard provides insights into India's trade relations with various countries and a yearly trend from 2010 to 2018. It also helps us to obtain a bird's-eye view of the commodities in demand which have been regularly imported or exported from the country.



## Graphs



## Insights

- ❖ Despite the global slowdown, India's exports increased from USD 249.80 billion in 2010 to USD 330.05 billion in 2018.
- ❖ The cumulative value of imports in 2010 was USD 369.76 billion as against USD 514.07 billion in 2018, registering an increase of 28 percent.
- ❖ Coupled with the moderate growth in exports, this resulted in an increase in India's trade deficit from USD 119.96 billion in 2010 to USD 184.013 billion in 2018, contributing to a higher Current Account Deficit (CAD).

## Way Ahead!

- ❖ India's foreign trade policy has helped to increase the country's share of global trade from 2,49,801 million USD to 3,30,059 million USD.
- ❖ Through increase in domestic production of top 5 commodities of Imports and ensuring their judicious use, can go a long way in reducing their dependence on imports.
- ❖ All these steps will be a giant leap towards a favorable balance of trade.