Can Indian Exports Withstand the Heat of U.S. Tariffs?

📌 **DATA: ~9 YEAR EXPORT HISTORY**

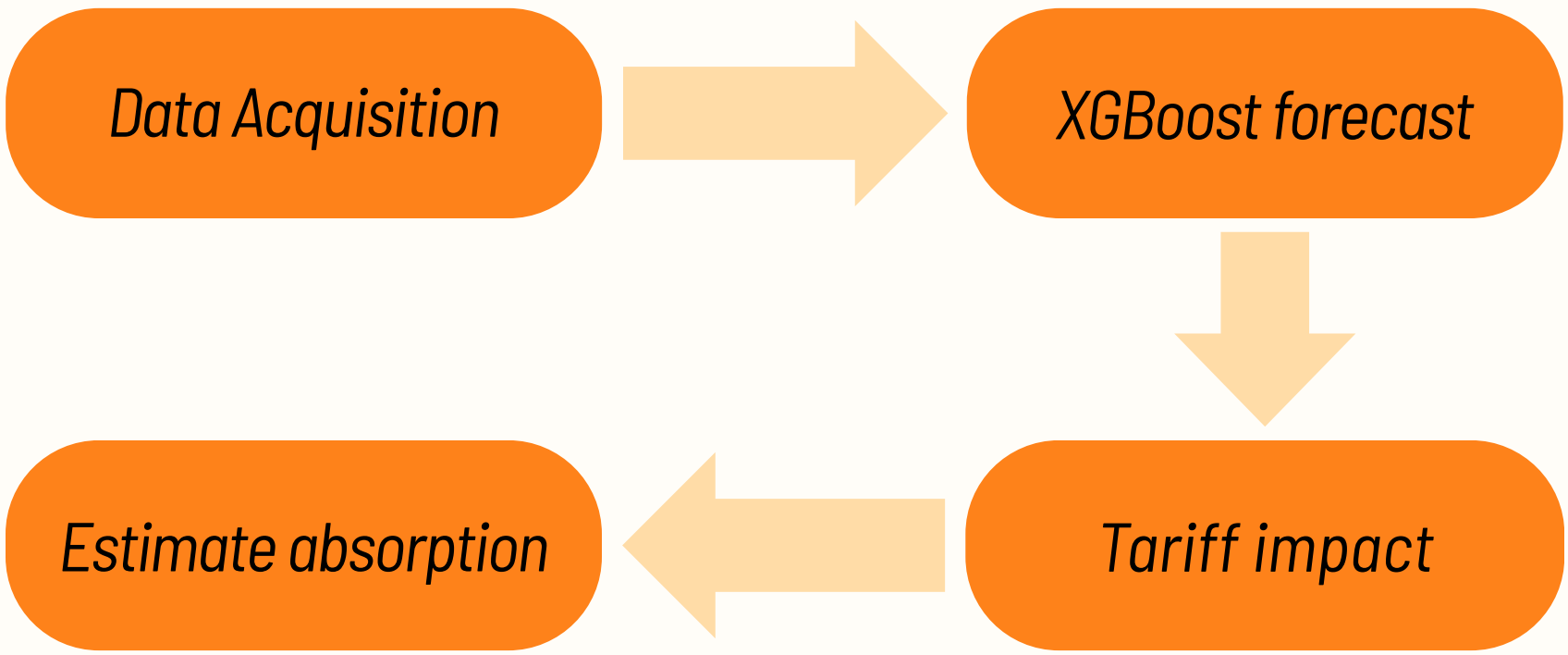
📌 **MODEL: XGBOOST FORECAST (ML-BASED MODEL)**

📌 **STRESS TEST: 50% U.S. TARIFF APPLIED**

📌 **IMPACT MEASURED: USING ELASTICITY**

SWIPE FOR THE TIPS

Project Flow



XGBoost, an ML-based model that trains on the supplied business data to predict how well the business will grow or fall. It can also consider the changes due to external shocks like the tariffs.

SWIPE FOR MORE

What governs performance?

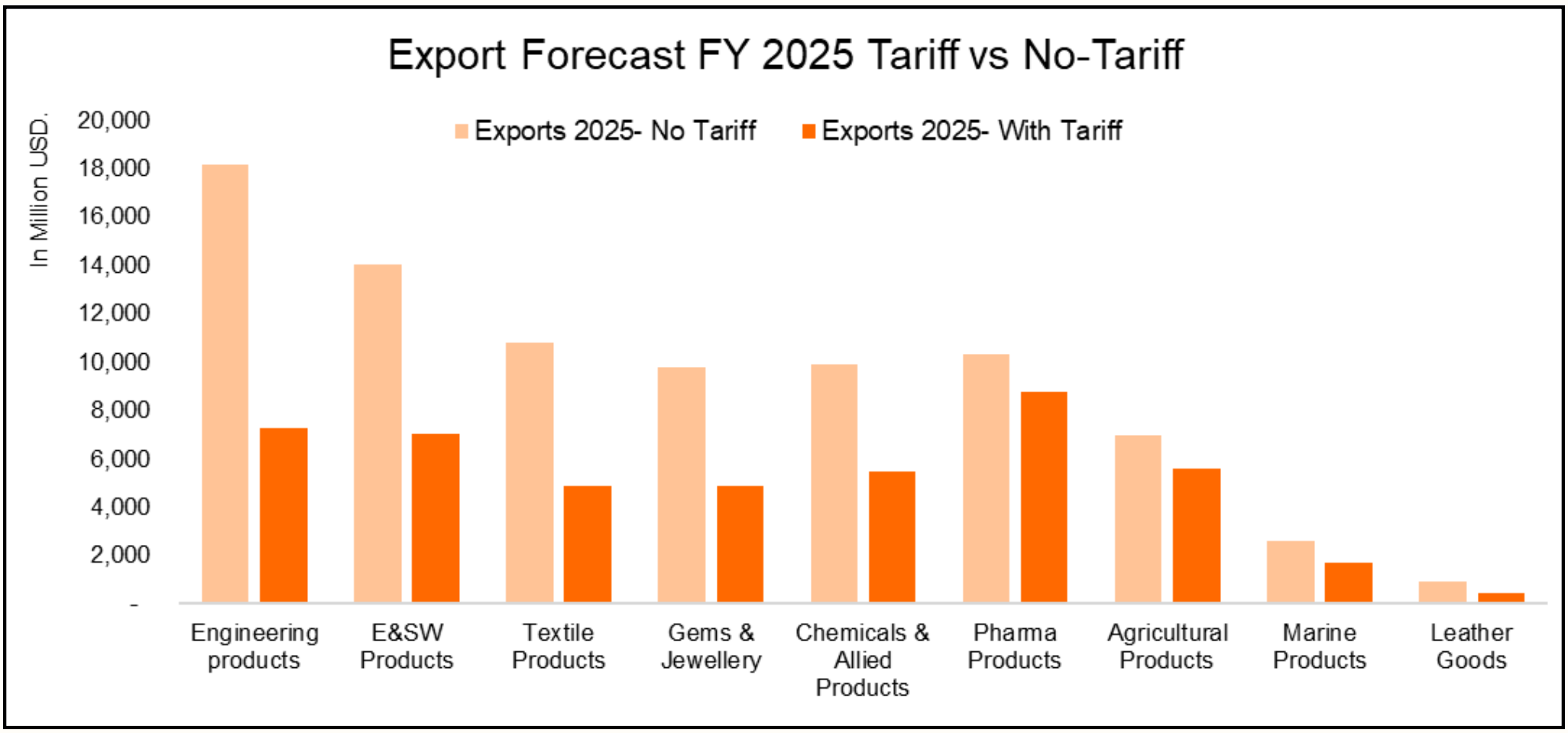
We use Price Elasticity of Demand. When prices go up, how much does demand fall?

🧮**Elasticity** helps us simulate the real impact of price changes from tariffs.

Export Category	Elasticity (E)	Rationale (short)
Textile Products	−1.1	Highly substitutable
Pharma Products	−0.3	Essential demand
Gems & Jewellery	−1.0	Discretionary, deferrable
Engineering Products	−1.2	Cost-driven
Chemicals & Allied	−0.9	Alternatives present
Electronics / E&SW	−0.8	Competitive
Marine	−0.7	Moderate substitutability
Leather	−1.0	Fashion/discretionary
Agricultural	−0.4	Semi-essential

SWIPE FOR MORE

Difference gets huge



Overall Expected Loss: $37238.07 Million USD

Most affected sectors: Engineering, E&SW and Textile
Pharma sector seems to be the most resilient one

SWIPE FOR MORE

Share this Post *Save for Later*

Wait, there's more...

CAN WE STOP THE FREE FALL?

I explored:

✅ Government Rebates (RoSCTL)
✅ Cost Reduction
✅ Loyalty & Bundling
✅ Price Absorption Strategies
📈 Textiles alone recovered $2.3B with these levers.

But how?

SWIPE FOR MORE

Want to See the Recovery?

CHECK OUT THE FULL PROJECT DECK TO SEE WHAT HAPPENS NEXT.

- Find out how the drop was reversed.
- Deep-dive into quantified levers & waterfall charts.
- Get the loss recovery strategy

THANK YOU