#001 : Big Supply Chain Analytics

vekia
The Enhanced Forecasting & Replenishment

Big Supply-Chain Analytics is a very recently coined term that emphasizes the use of **Big Data to generate real insights and decisions** in a supply chain.

3 Broad Actions with Big Data

1. Visualization and Interpretation
2. Predictions
3. Decisions

Areas of Application

- **Sales, Inventory and Operations Planning**
- Sourcing
- Production
- Warehousing
- Transportation
- **Point-of-Sale**
- Consumer

Major Opportunities

Sales, Inventory and Operations

Supplier Risk Management

Inventory Projection & Scenario Planning

Forecast Accuracy Evaluation & Optimization

Point-of-Sale

Suspicious Stock/ Stockout Detection & Prevention

Shelf-space Optimization & Assortment Planning

Stock Allocation During Shortage

« If you torture the data long enough, it will confess to anything »
Ronald Coase

by Rabin Sahu, Machine Learning Engineer at Vekia