## Supply chain improvements Process flow

Forecast Hub	Generates Publishes Open Insights Publicly APIs
Brands & Retailers	Better Right Faster Designs Inventory Briefs
Artisan Clusters	Make Based Reduce Higher on Data Waste Income
E-Commer ce & Export	Stock Shorter Global Right Cycles Reach
Consumers	Trend-Aligned Local Craft Better Products Access Choice

## **Tech Process Flow**

Data Sources	Social Media	E- commerce	Cluster Data Festivals
Data Pipeline	Kafka	Cloud Data Lake	Preprocess ing
Al Models	CV (CLIP/ViT)	NLP (BERT)	Forecasting Geospatial (TFT/N-BEATS) (Pincode)
Forecast Output	3–6 Month Trends	Pincode- level Demand	Design / Color / Category
Insights Hub	Open Dashboard	API Access	Reports