

AI supply-chain suite on Google Cloud for global CPG and retail

+22% forecast accuracy, -18% stock-outs, +12% OTIF and +14% service reliability.

Colgate-Palmolive

Tory Burch

AB InBev

LIXIL

Tamer Group

Vertex AI

+22% forecast accuracy

-18% stock-outs

+12% OTIF

CONTEXT

Reactive planning constrained working capital and service levels.

Enterprise supply chains running on reactive planning, with forecasting accuracy the constraint on working capital and service levels.

CHALLENGE

Predictive models had to become adopted operating products.

Move from reactive to predictive: demand forecasting, digital-twin simulation and inventory visibility, delivered as products clients would adopt, not as data-science experiments.

WHAT I DID

Business KPIs, data foundations and executive reporting moved together.

Led delivery of the forecasting suite and digital-twin platform on Vertex AI, BigQuery, Pub/Sub and Firestore; designed AI reporting agents that cut executive reporting effort 40%; redefined supply-chain KPIs with client leadership; drove USD 500K+ in expansions.

OUTCOME

Forecast accuracy translated into supply-chain reliability.

+22% forecast accuracy, -18% stock-outs, +12% OTIF, +14% service reliability.

WHAT IT TAUGHT ME

Every AI programme starts as a data-quality programme.

Every AI project is a data-quality project wearing a different hat. If the catalogue and inventory data is a mess, the model industrialises the mess at speed.



Aloka K

Delivery & P&L leader · Digital commerce & AI

PROGRAMME TIMELINE

01 KPI definition

02 Data foundation

03 Forecasting suite

04 Digital twin

05 Portfolio expansion

CONTACT

hello@alokakiran.com

+91 96065 74521

linkedin.com/in/alokakiran

Bengaluru · 30-day notice

Open to GCC, UK, ANZ



FULL CASE STUDY
ALOKAKIRAN.COM/WORK