



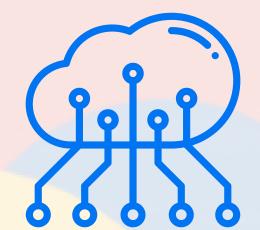
# Inventory Management and Demand Forecasting with Google Cloud Platform

### WHY GOOGLE CLOUD PLATFORM

## **PLATFORM** ~ INFINITE POSSIBILITIES



BEST FOR
BIG DATA ANALYTICS



WIDELY-USED
GOOGLE WORKSPACE



PRIVATE GLOBAL
PREMIUM TIER NETWORK

#### **INTEGRATED APIS**

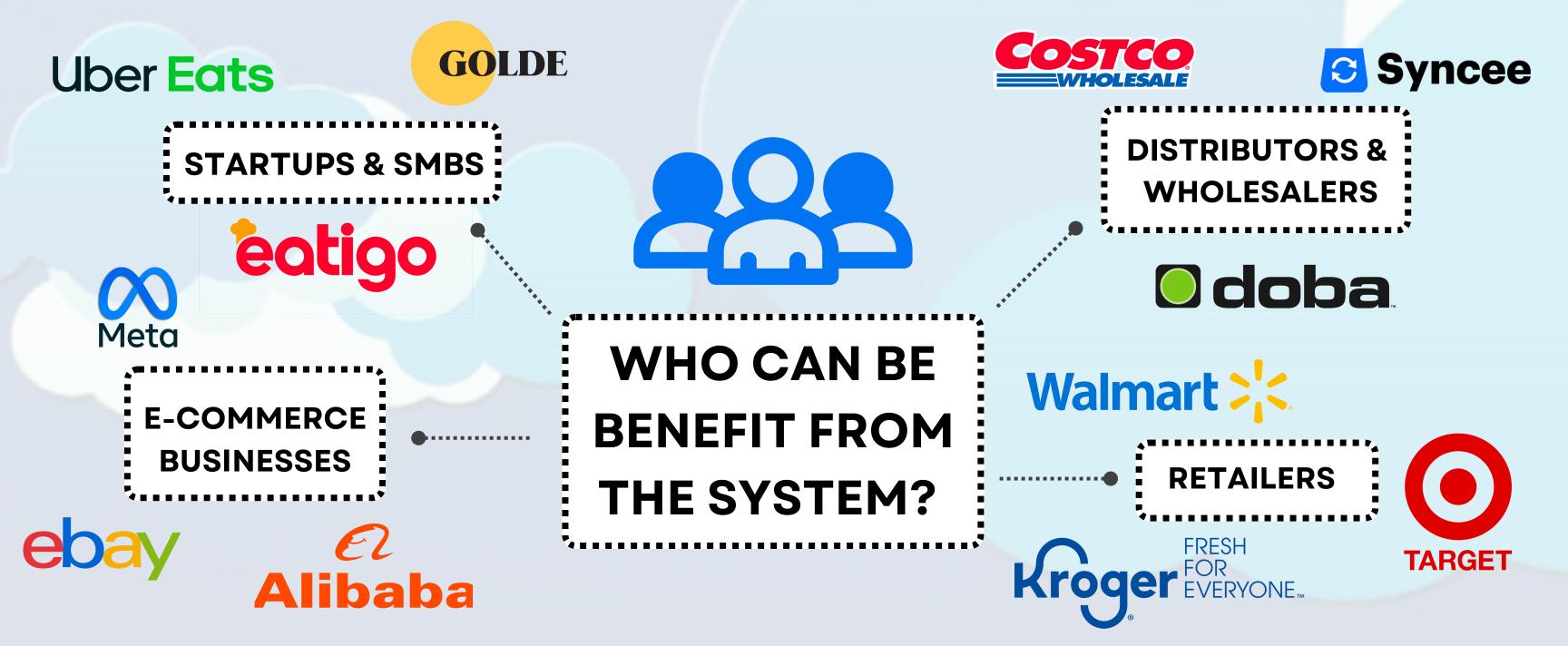






AI PLATFORM
TRAINING &
PREDICITON







## BUILDING INVENTORY MANAGEMENT SYSTEM!



Google Cloud

~\$350

~\$5,350



DATA

STORAGE, STRUCTURING, RETRIVING

**MANAGEMENT** 

**10TB** 

eCommerce data

Inventory - Products
Customer info
Orders - Transaction

Hardware/Staff/ Maintainence cost



MACHINE LEARNING MODEL **Seamless integration** 

with BigQuery for training data

Tensor Processing Unit
(TPU) optimized for
TensorFlow library

Quick insight with AutoML



Powerful/Insightful features of

**trends** from search engine in eCommerce industry

Time efficient in data processing and model training



databricks **aws** 

INVENTORY
MANAGEMENT
DASHBOARD

**Interaction charts** 

with a single click

Effortlessly **link** with data Storage

Ensure continuous data updates





TEAM 12 CONTACT RIYA SARDA - SARDA032@UMN.EDU SSU HSIEN LEE - LEE04432@UMN.EDU TRUNG LE - LE000527@UMN.EDU VINEETH GORLA - GORLA007@UMN.EDU WEI CHUN CHANG - CHAN2405@UMN.EDU

