

powered by  Explora

# Optimize Operation

Operation Efficiency with  
Amazon SageMaker

We are the partner of ...

powered by  aws

 databricks

**Amazon Web Service  
& Amazon S3**

*Walk through the Digital Commerce  
Journey and power your business with  
Amazon Web Services, Amazon S3,  
AWS Redshift and AWS Glue*

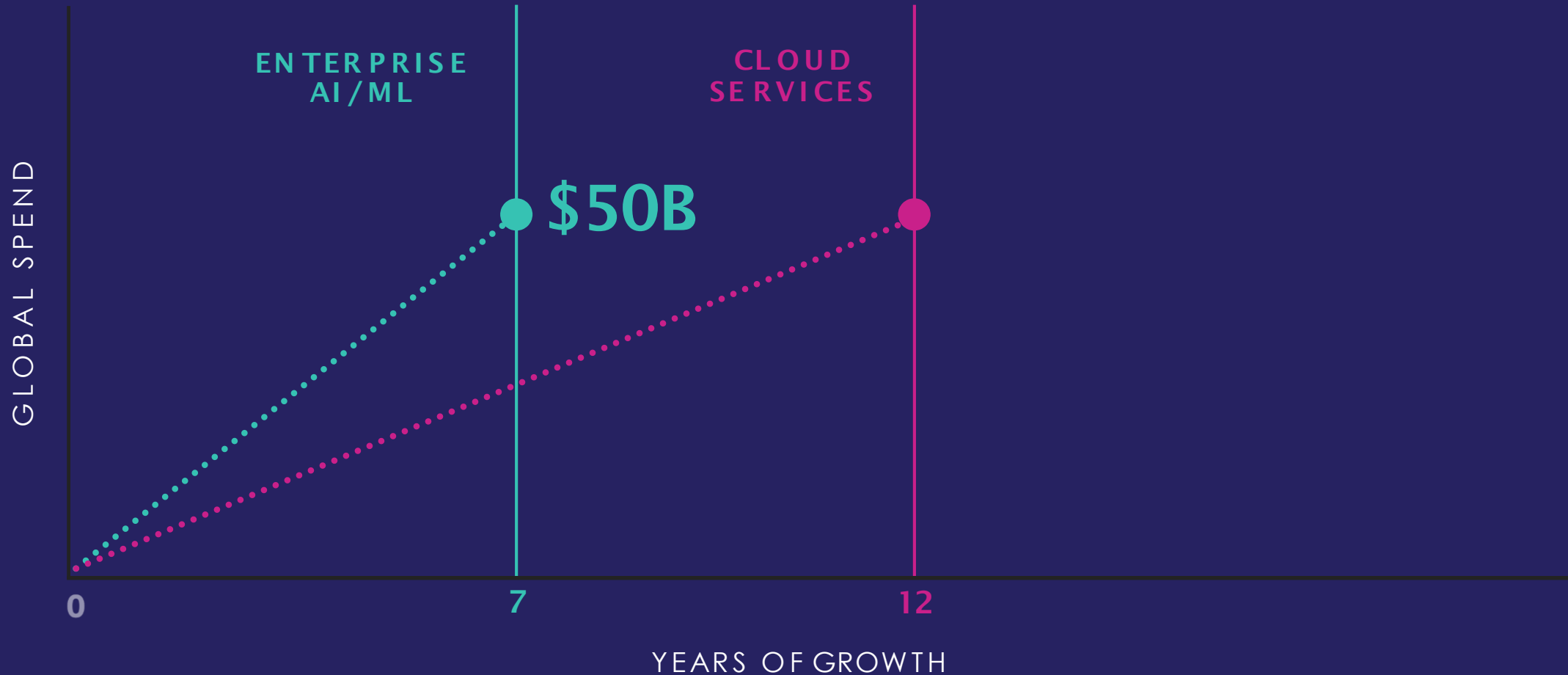
**Databricks Services**

*Provides a modern lakehouse architecture  
that unifies data engineering, data science,  
machine learning and analytics within a  
single collaborative platform*



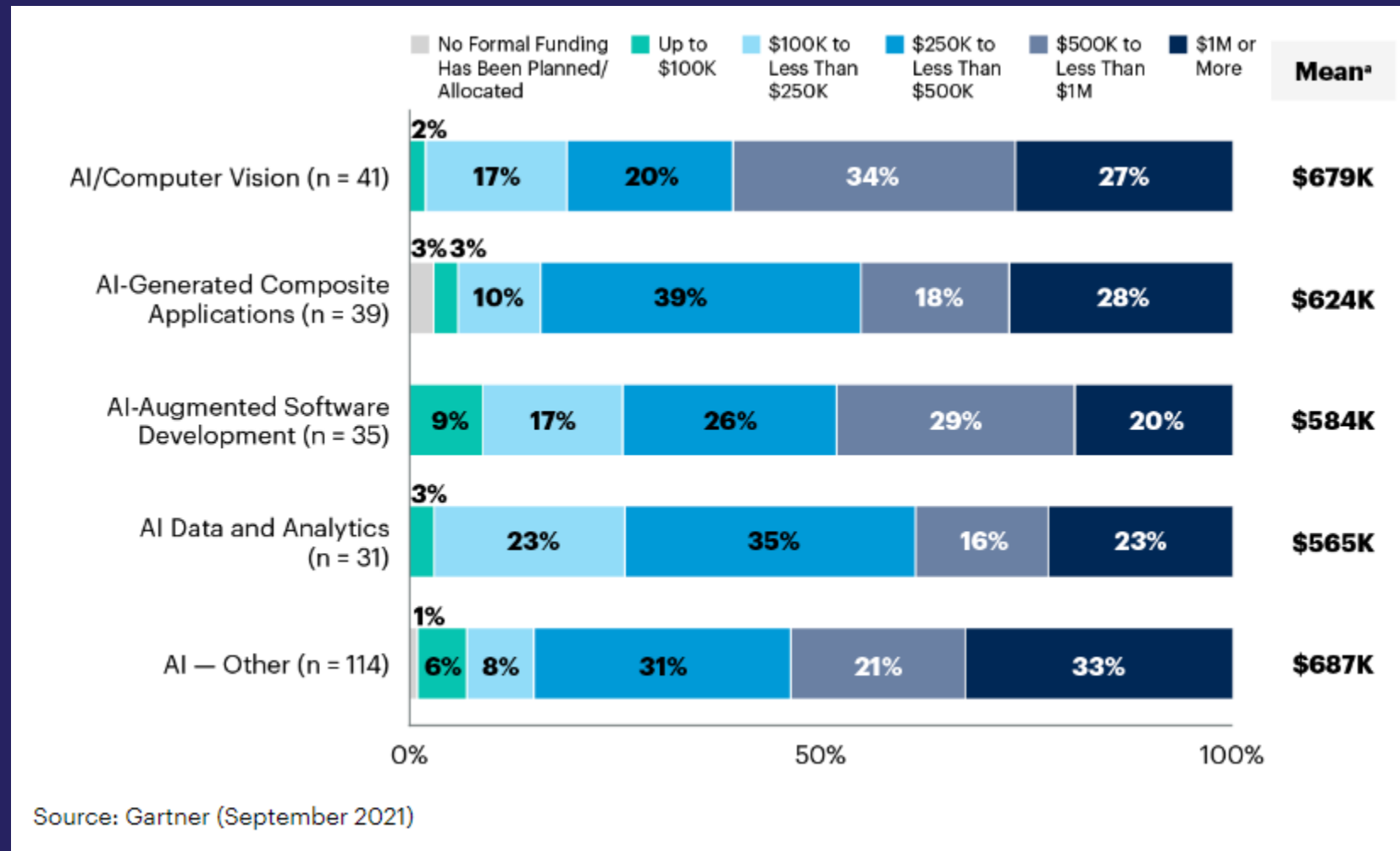
**Talk To Us !**

# ML Innovation Increasing

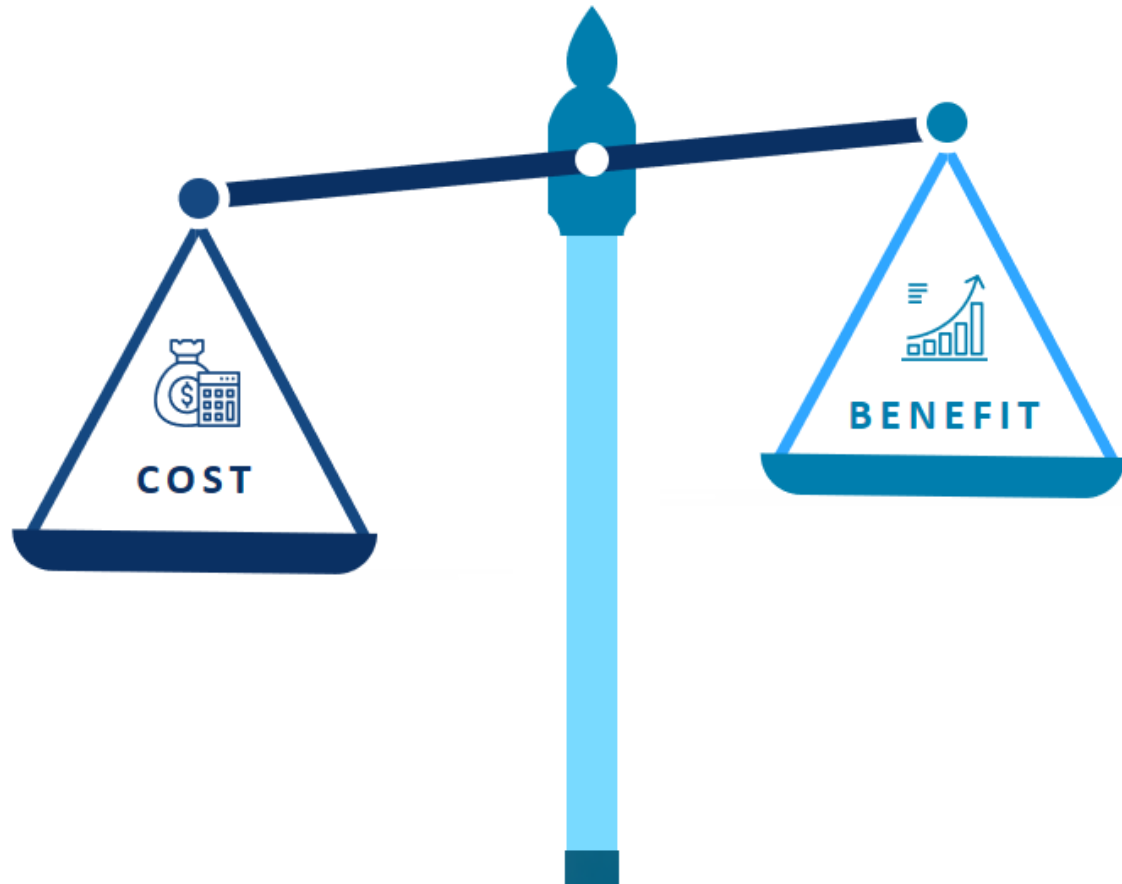


Source: IDC's Worldwide Semiannual Artificial Intelligence Spending Guide, Publication August 2021; IDC Semiannual Public Cloud Services Tracker, 1H2021, November 11 2021  
Note: Enterprise AI/ML and Cloud Services (infrastructure and platform services) categories are not mutually exclusive.

# Level of Funding Allocated to AI/ML Technologies



# RETURN ON INVESTMENT



## Benefit:

- Increase Optimize Operations
- Increase profitability
- Save Time
- Save Resources Expense
- Intangible Benefits (Better work/life balance/more fun)

## Cost:

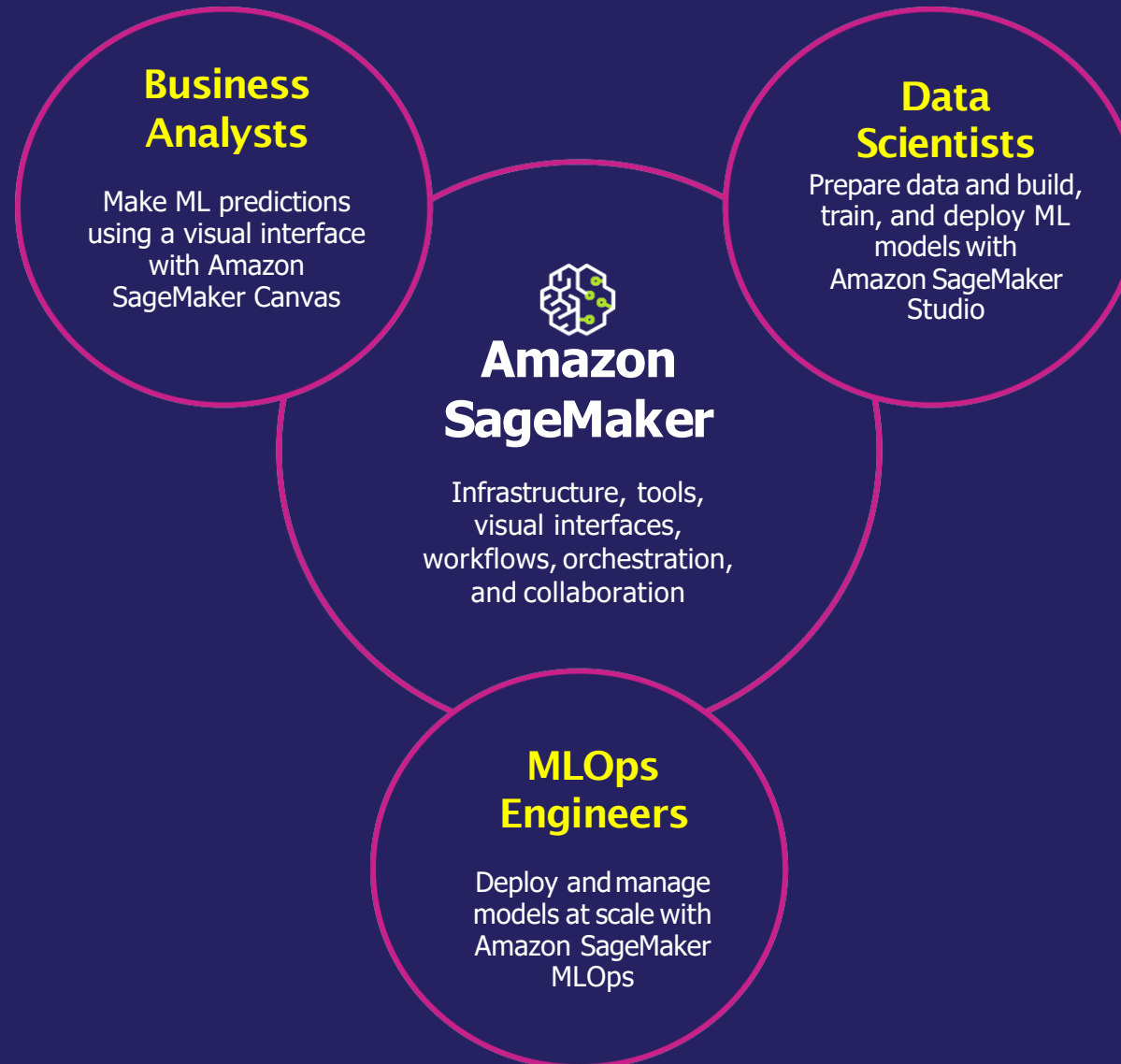
- Software Cost – One-Time Cost
- Maintenance Cost – ongoing Cost
- Resource Investment
- Infrastructure Investment
- Business Continues Cost – Training and New Operation

# ML OPS IS A KEY FOR SUCCESSFUL

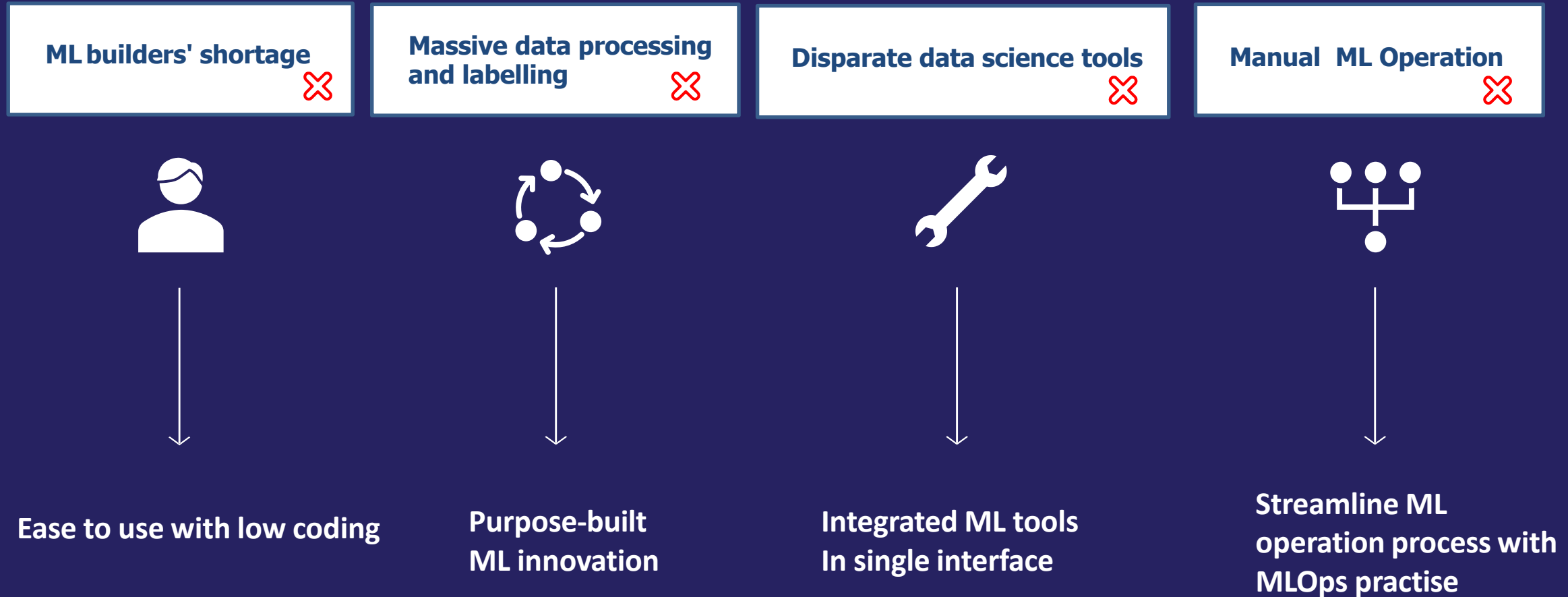


# Amazon SageMaker

**Enable People**



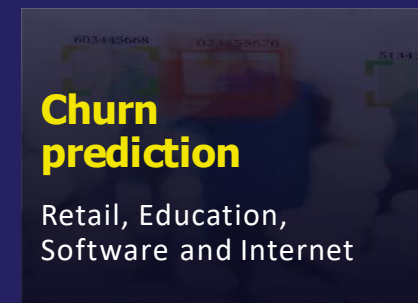
# How to overcome the barriers to ML?





# Amazon SageMaker

## Common Use Cases



# Organization Challenges Face To Make Demand Forecasting

## LIMITED REAL-TIME AND CAUSAL DATA



Omnichannel is making local (weather), real-time (IOT), causal (competitor pricing) data more important

## LARGE VOLUMES OF RAPIDLY CHANGING DATA



Data is constantly shifting and changing. E.g.: Revised data for account for shoplifting

## FORECASTING NOT ACCURATE OR GRANULAR

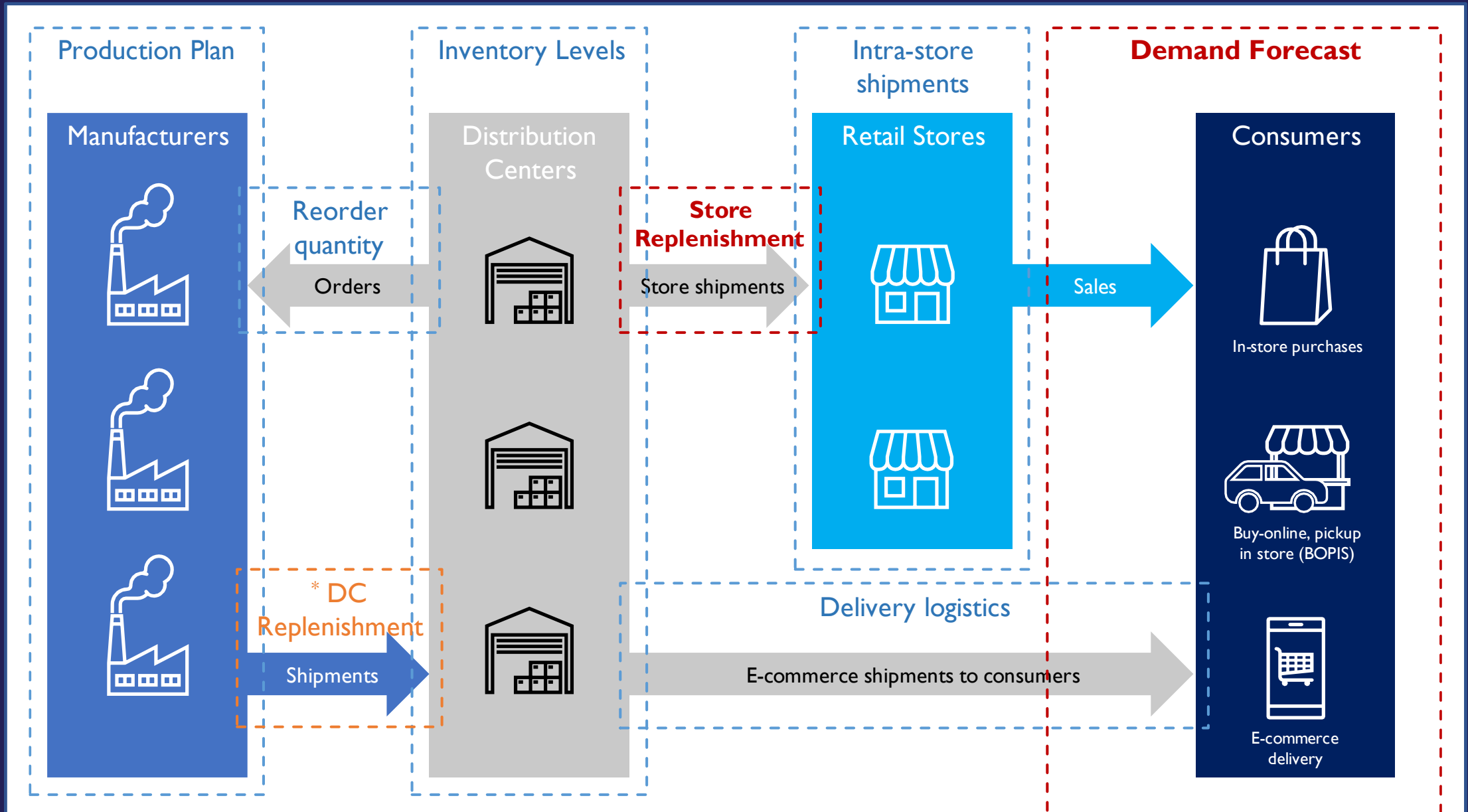


Managers unable to get per day / store / SKU forecast

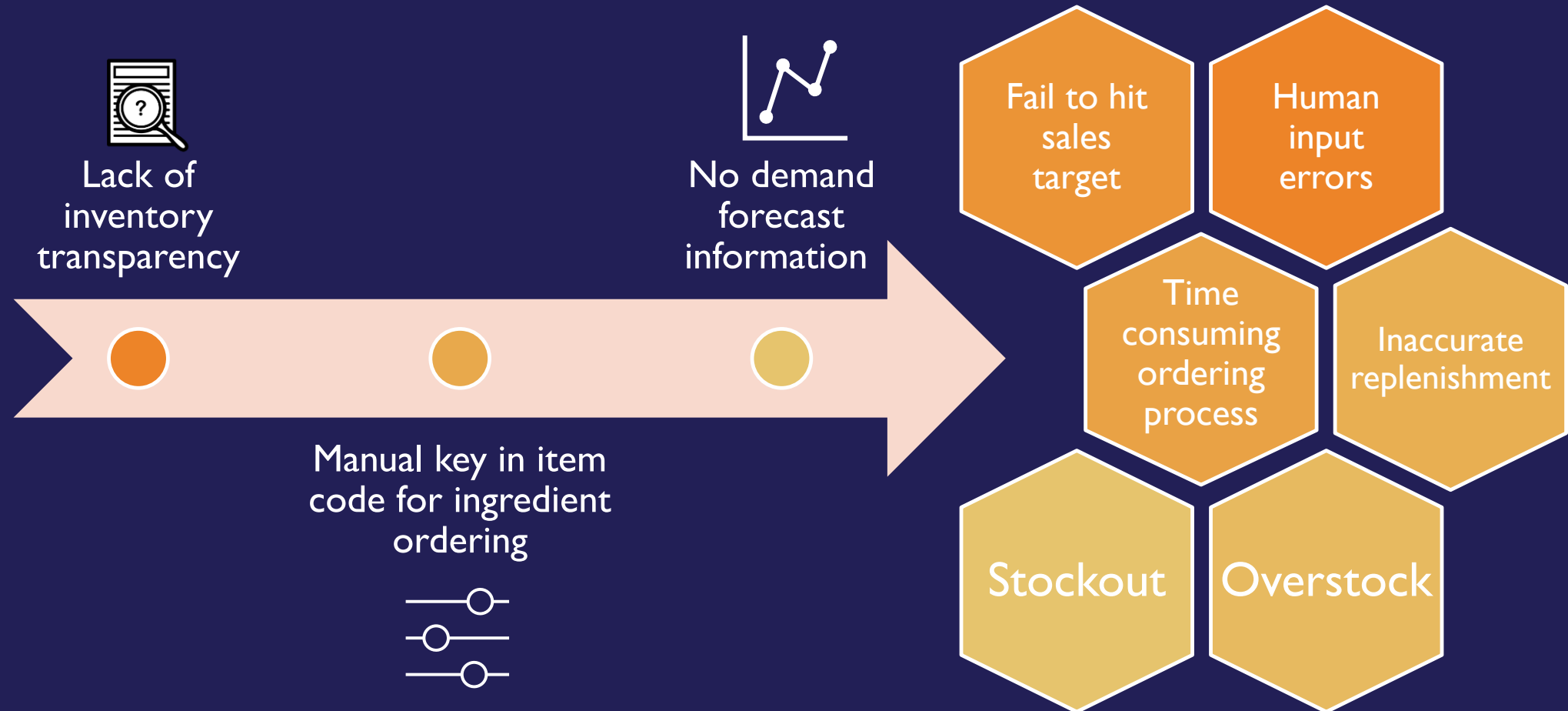
## NOT EASY TO GET TO ACTIONABLE INSIGHTS

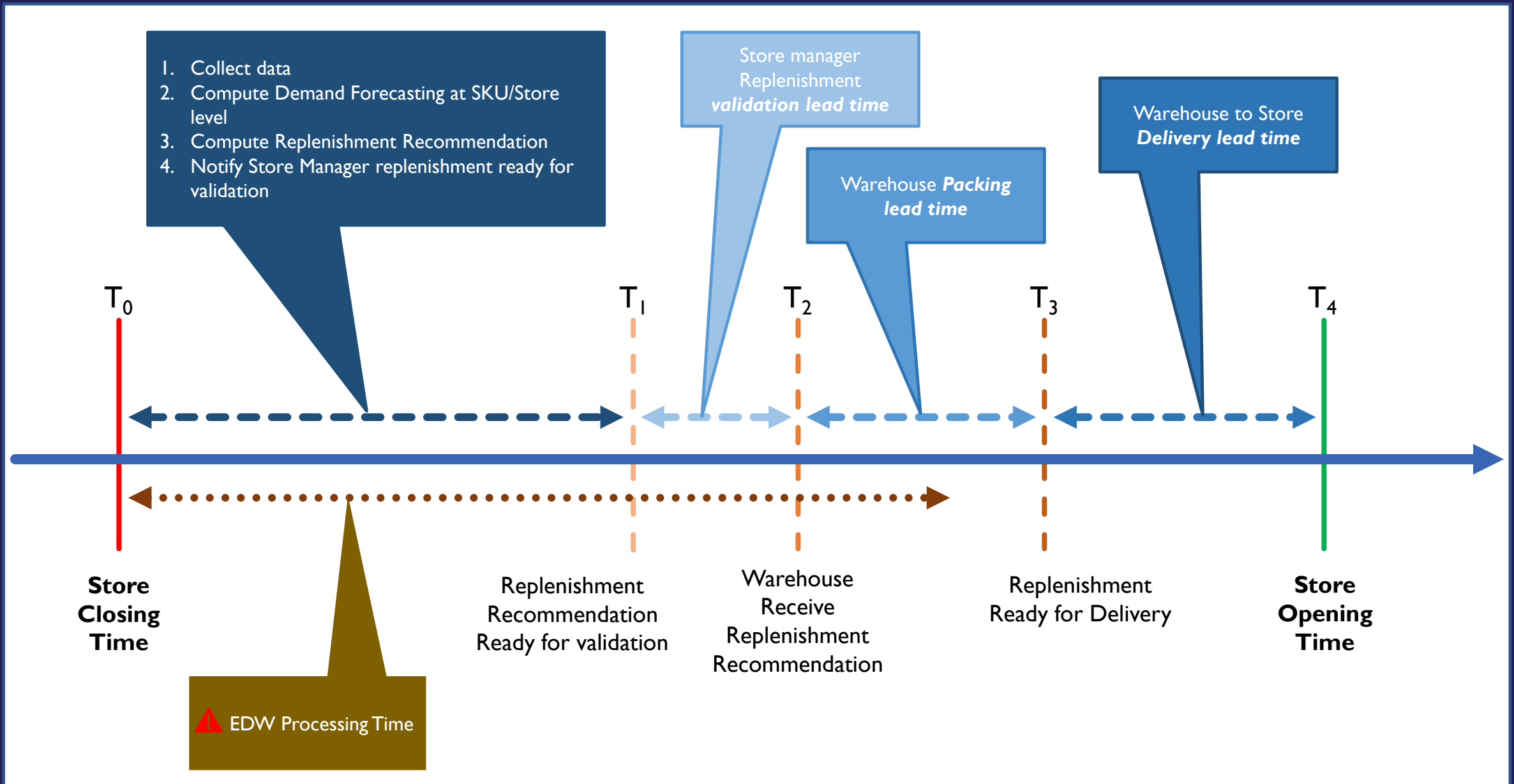


Store / Distribution managers get BI tools with lots of data that they have no time to explore



# WHAT ARE THE PROBLEMS THAT COMPANY FACING?





# DEMAND FORECASTING CAN BE COMPLICATED

YOU NEED FORECASTS BY PRODUCT BY STORE...

## Stores



## SKUs



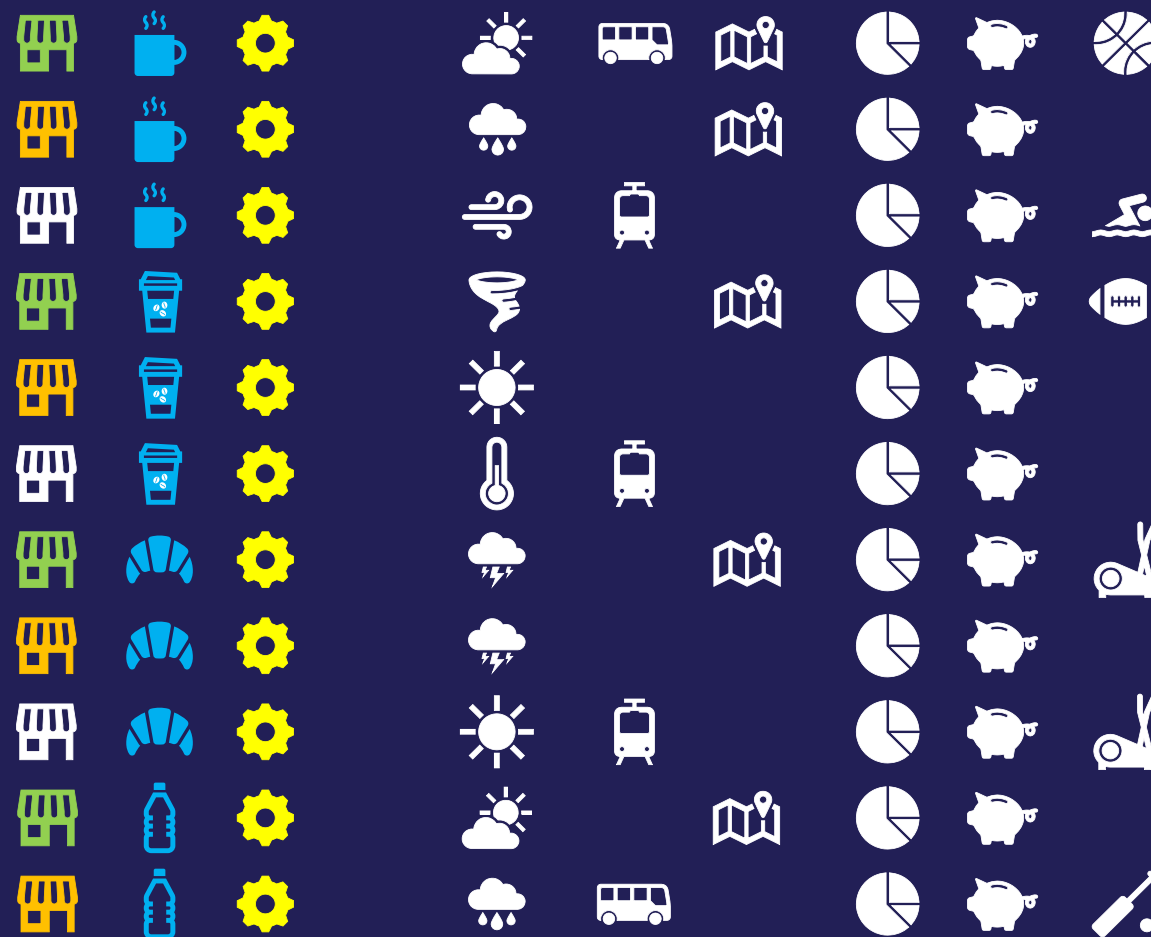
# DEMAND FORECASTING CAN BE COMPLICATED

...YOU HAVE A LARGE # OF STORE – SKU COMBINATIONS

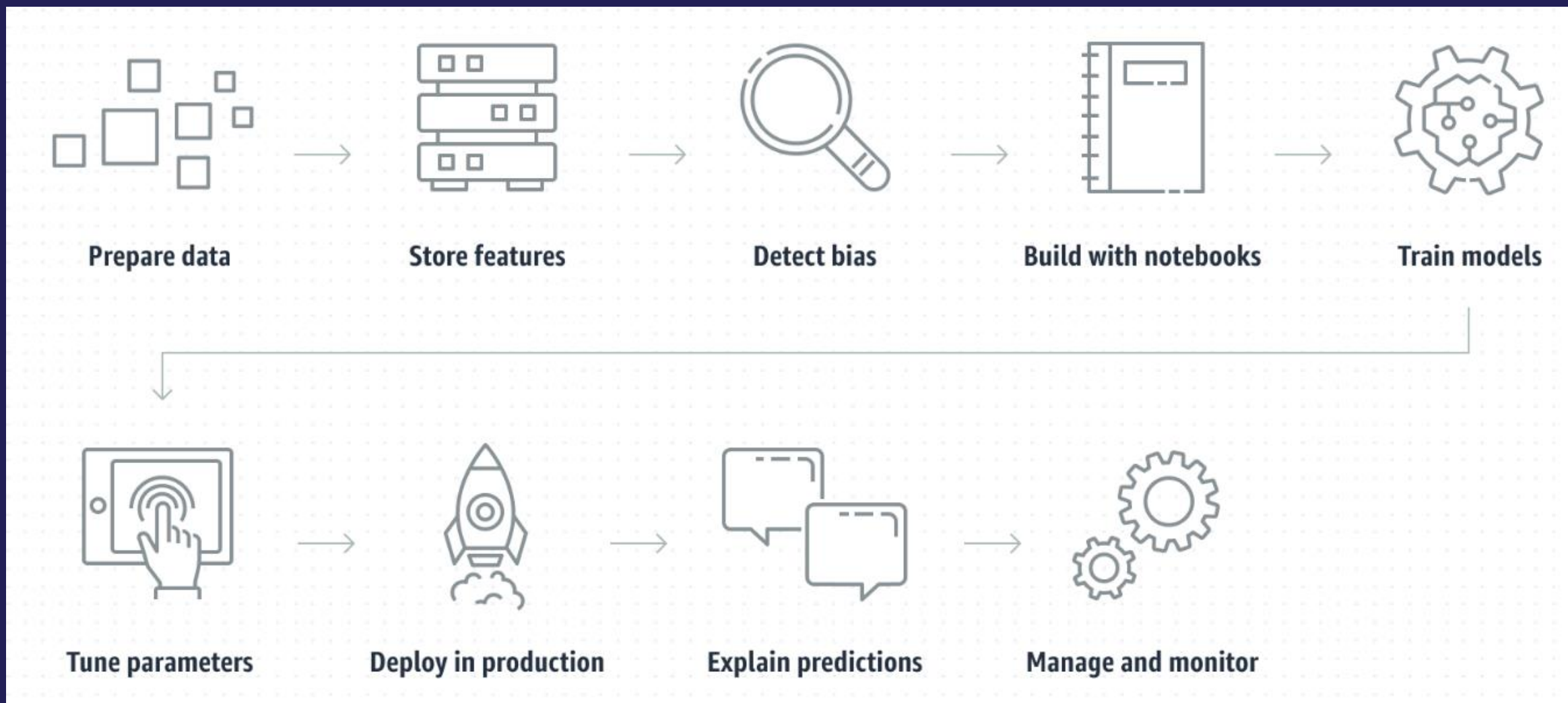


# DEMAND FORECASTING CAN BE COMPLICATED

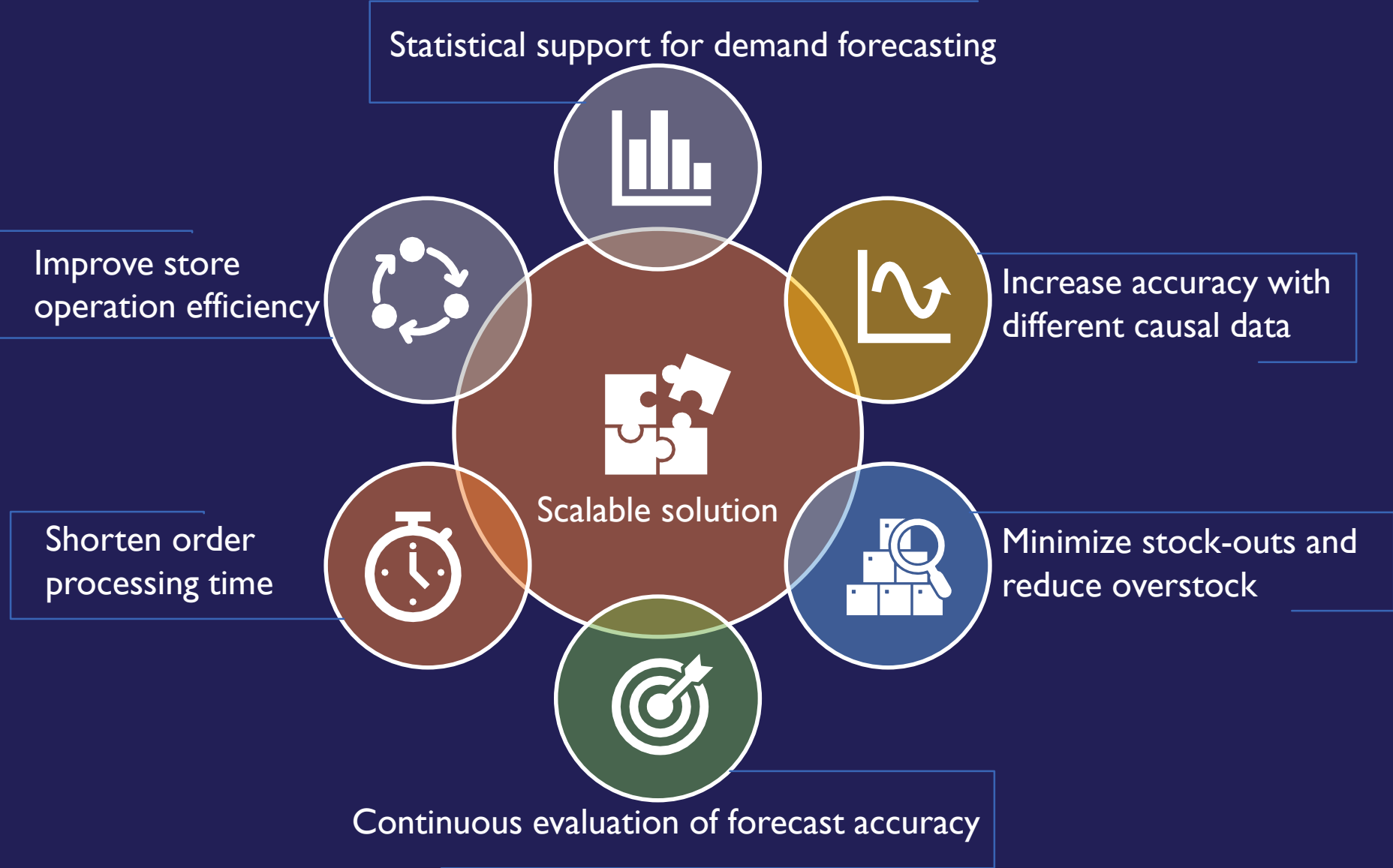
... AND EACH MODEL MAY HAVE LOCAL CAUSAL INFLUENCES







# BUSINESS BENEFITS



COMETO OUR BOOTH AT EXPLORA –  
FOR MORE DEMO CASES USING SAGEMAKER ML

We give away SOVENIRS !!

# INTERESTED EXPLORA SERVICE? CONTACT US NOW !



# CALL US

Name: Tom Chan | Head Of Sales  
Email: [tom\\_chan@explora.consulting](mailto:tom_chan@explora.consulting)  
Phone: +852 5532 5826

Name: Torres Tsoi | Sales Manager  
Email: [torres\\_tsoi@explora.consulting](mailto:torres_tsoi@explora.consulting)  
Phone: +852 6488 0805

Name: Odilia Chan | Sales & Marketing  
Email: [odilia\\_chan@explora.consulting](mailto:odilia_chan@explora.consulting)  
Phone: +852 91418991

Explora locates in Hong Kong and Singapore, offshore in VN, TW and PH.

Website: <https://explora.consulting> or <https://exploradata.com>