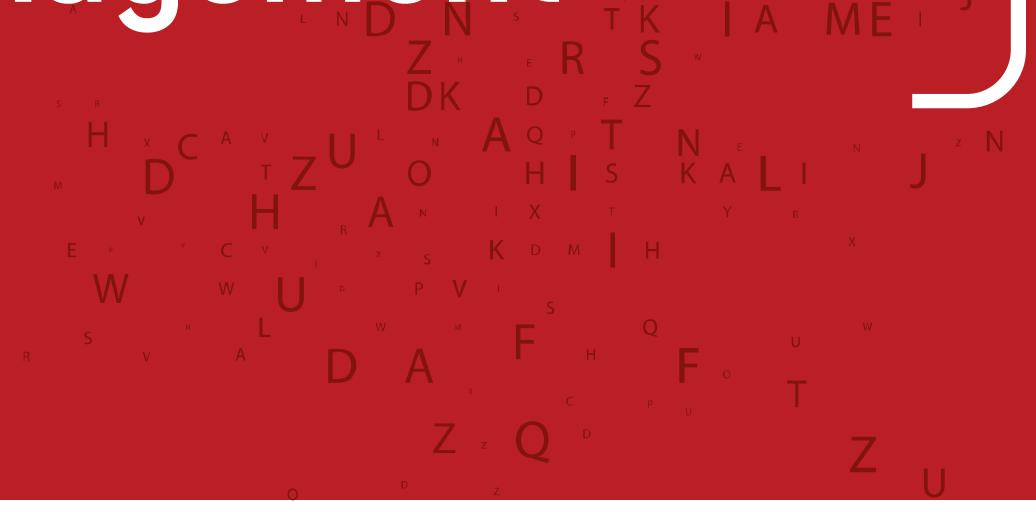
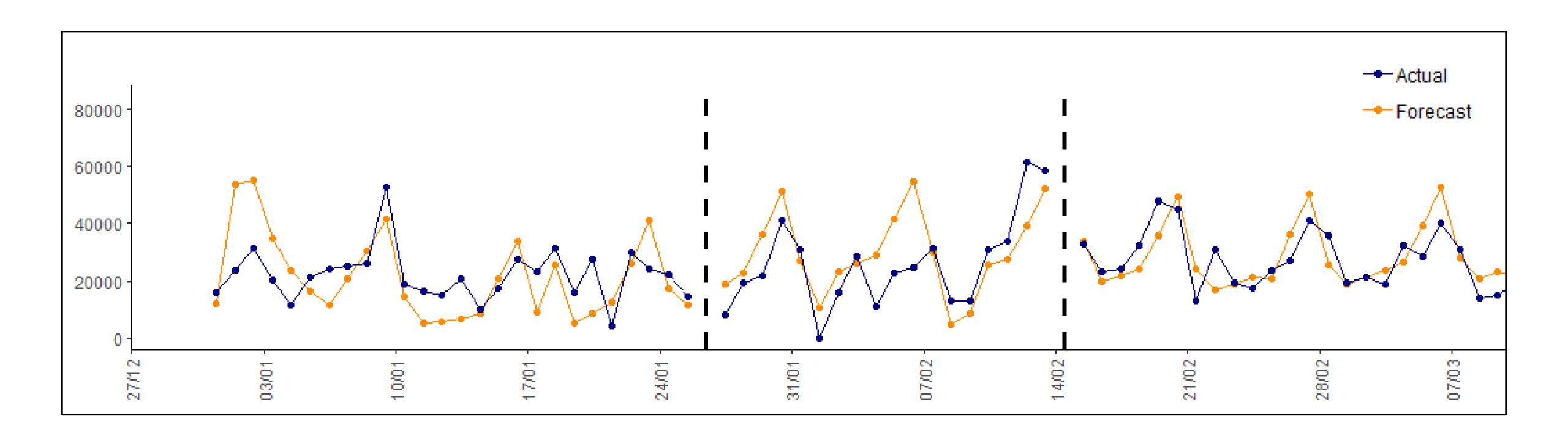
Al and Data Fusion for Supply Chain Management

Vittorio Di Tomaso, President&CEO Francesco Tarasconi, Senior Data Scientist



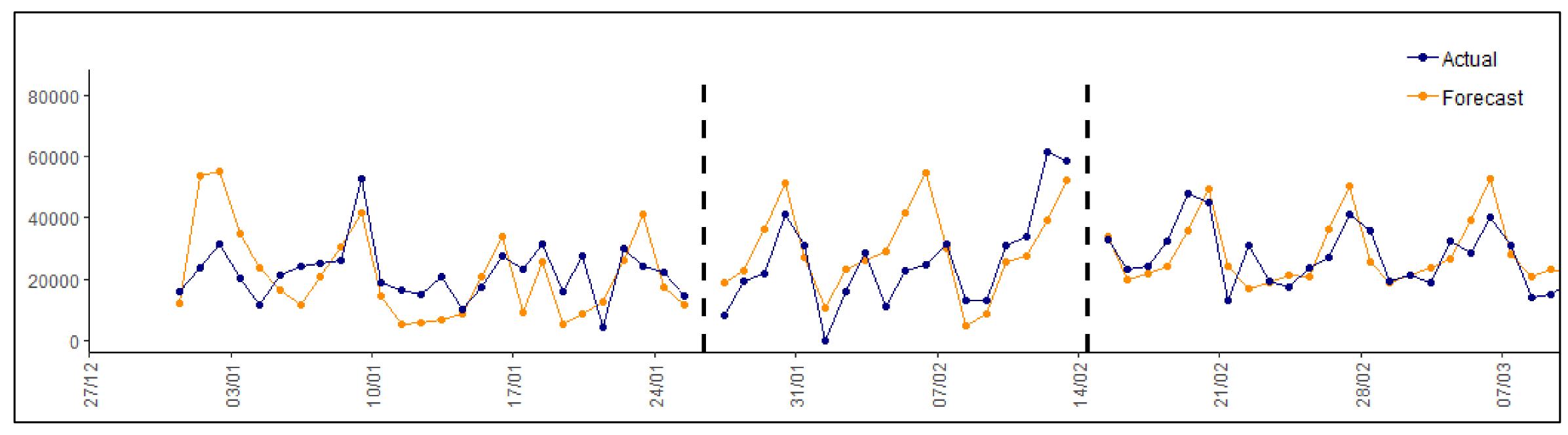








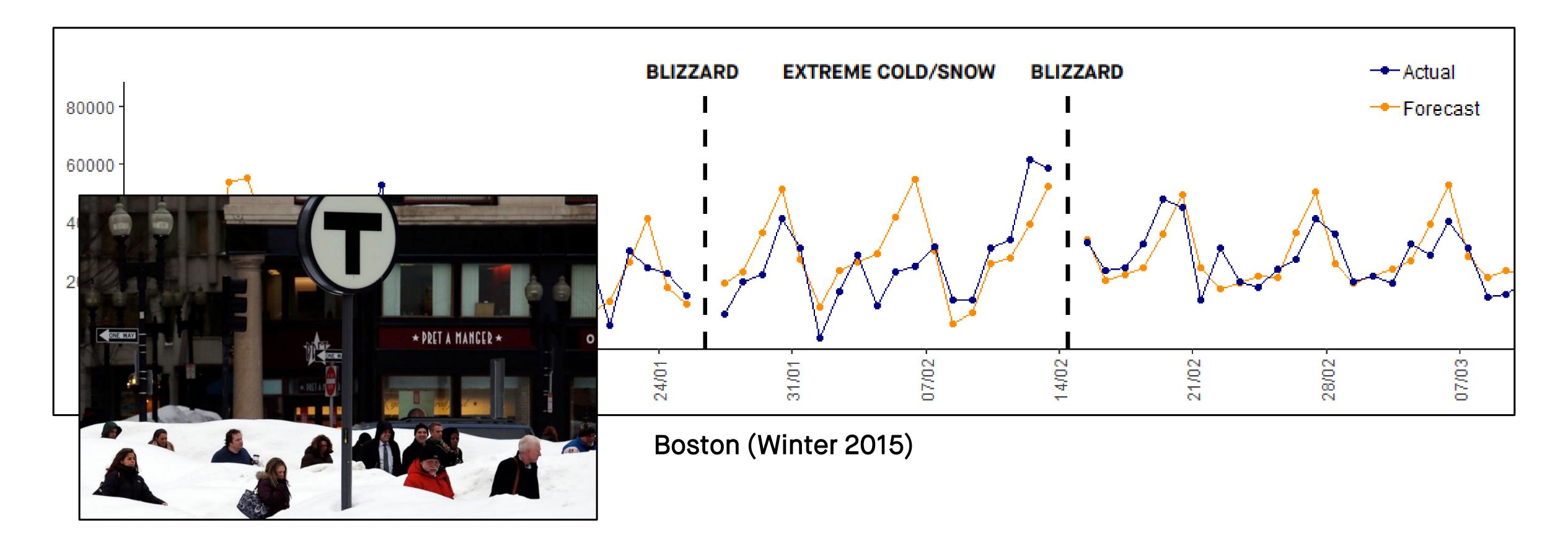




Boston (Winter 2015)



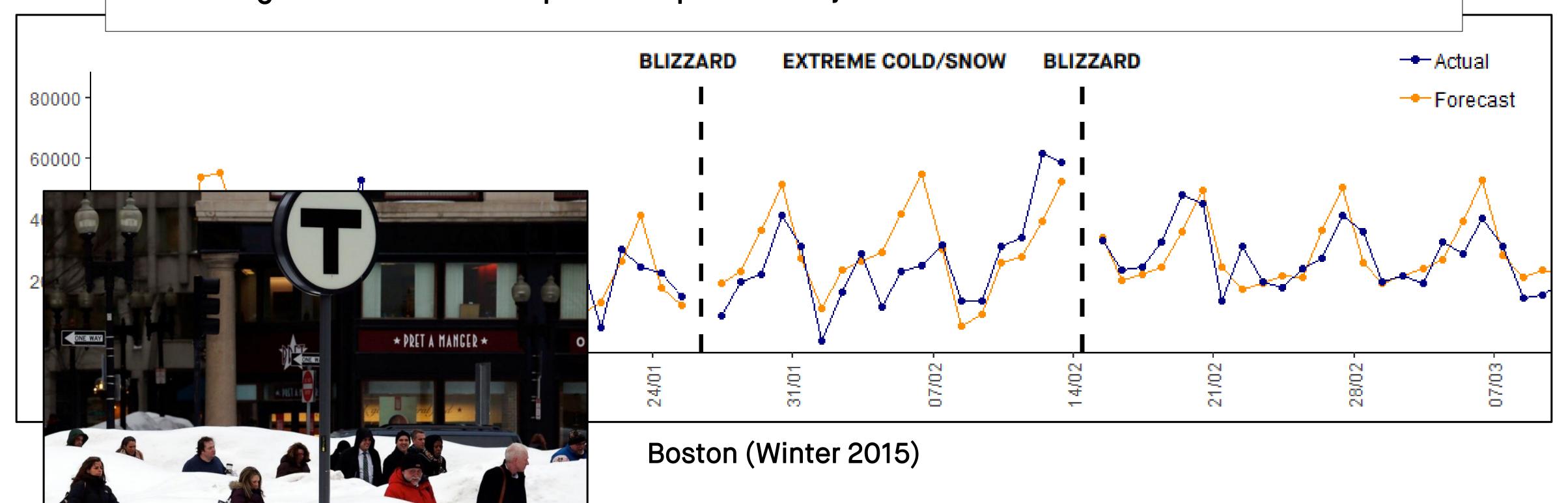








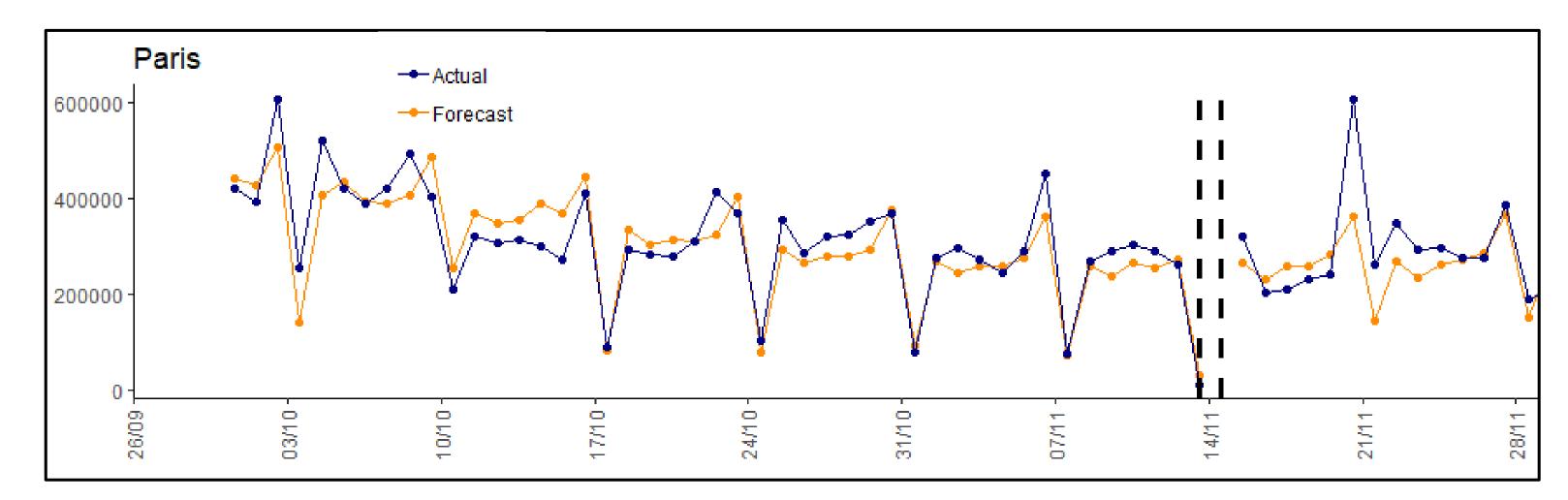
Weather forecast can improve sales forecast accuracy by about 5%, and this figure is higher for tourist hotspots and places subject to extreme weather conditions







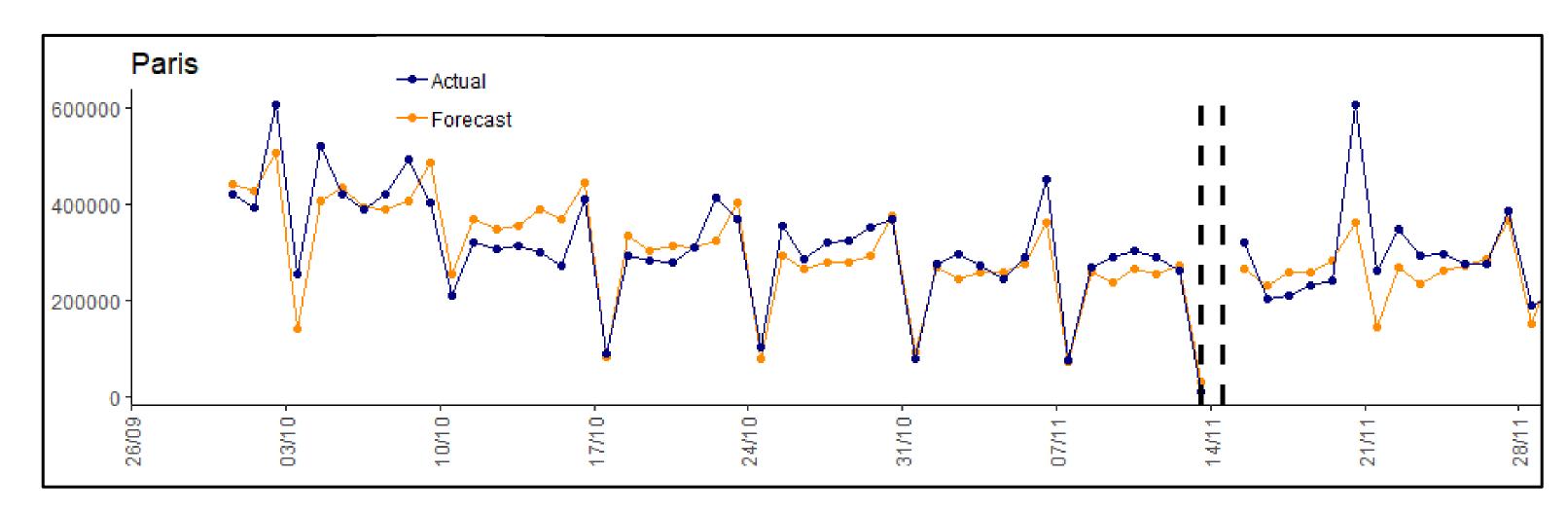


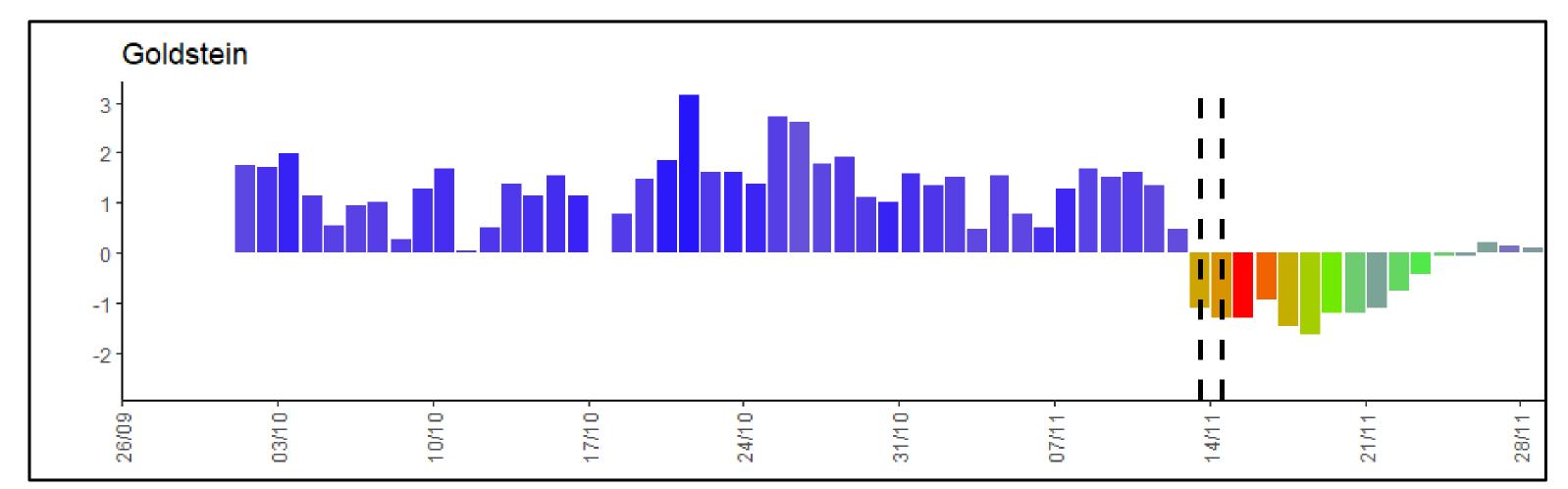








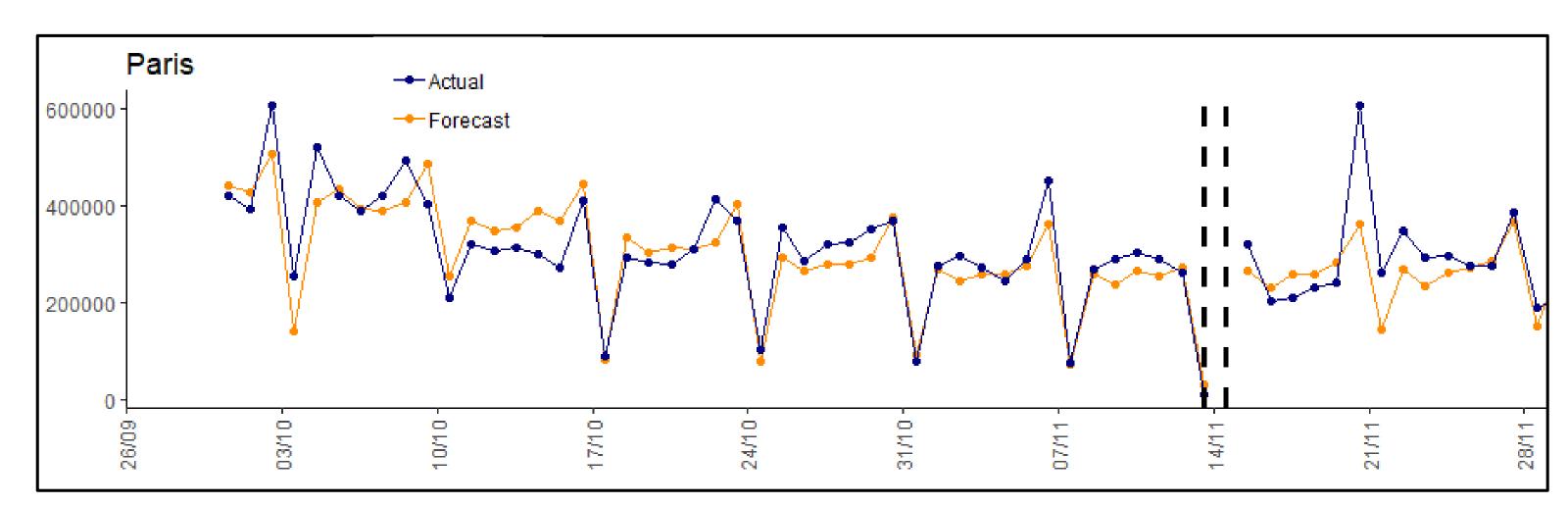


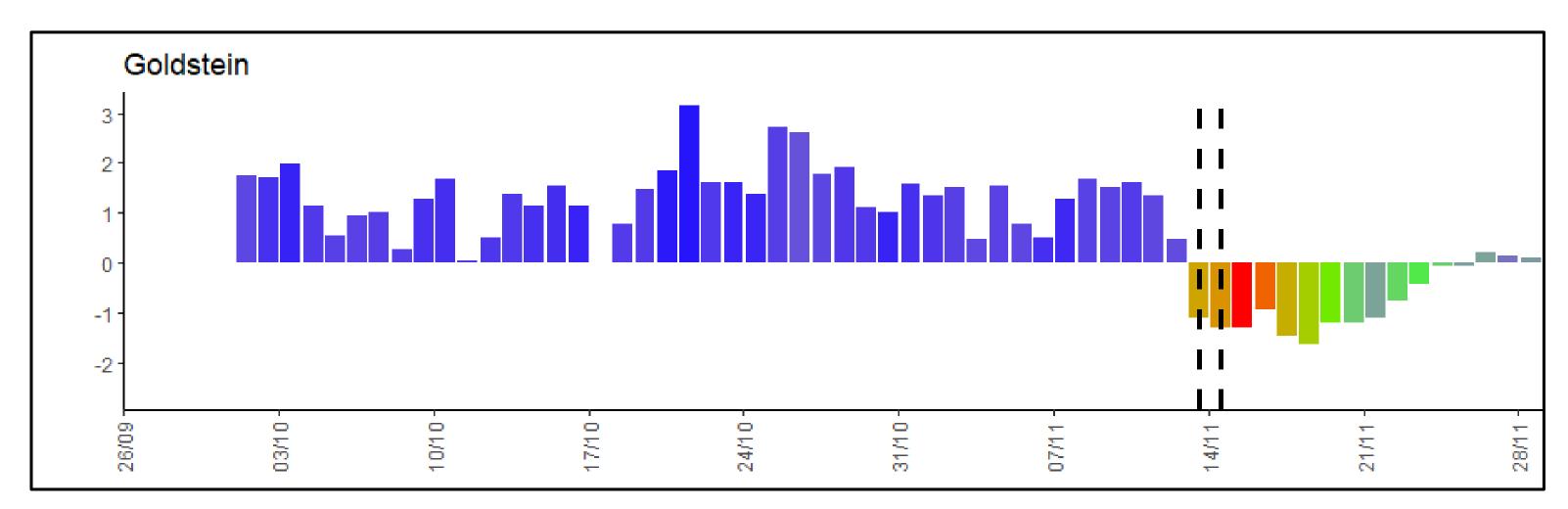










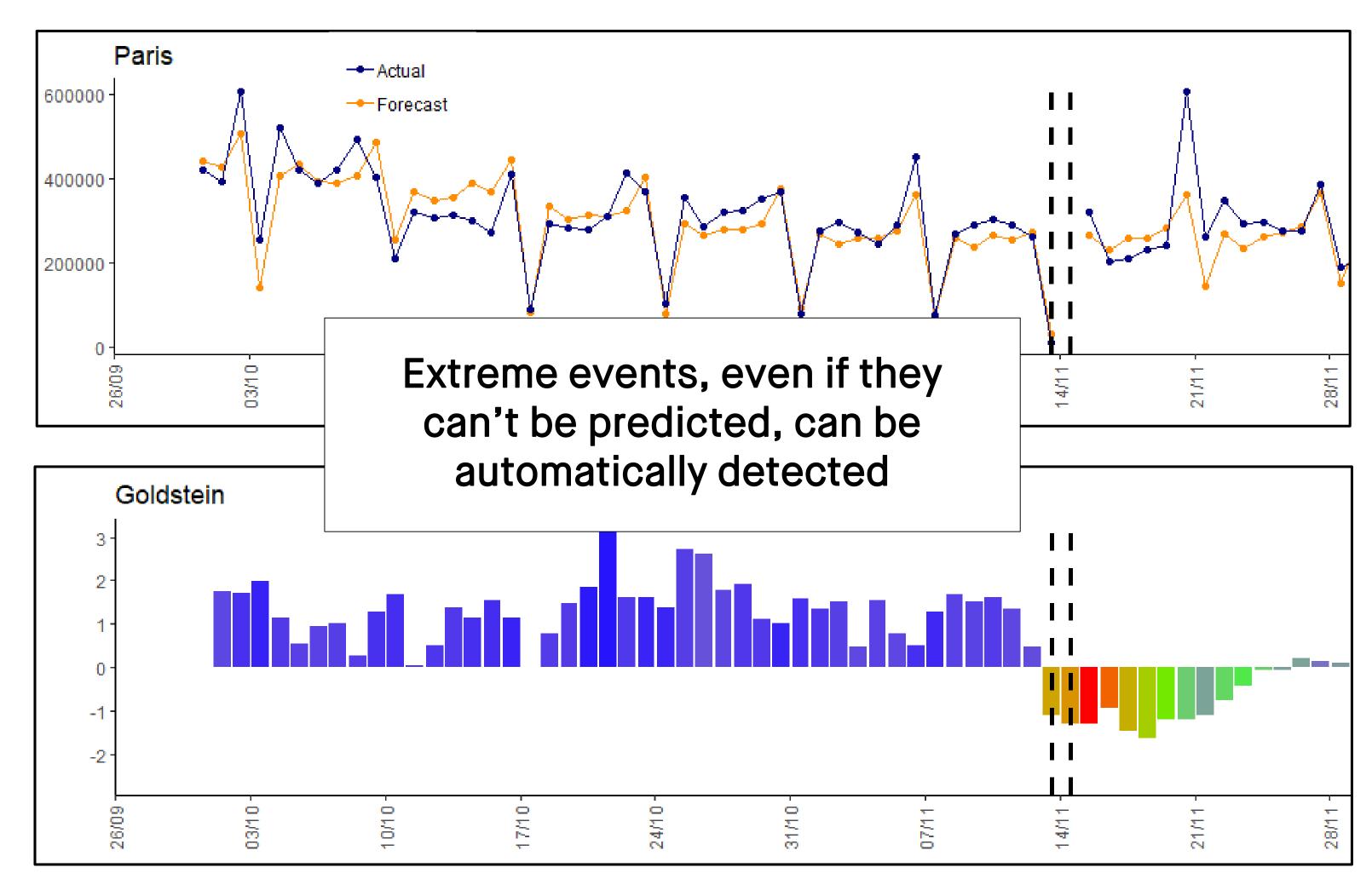




Bataclan Episode (November 2015)









Bataclan Episode (November 2015)







Artificial Intelligence in Textile Supply Chain

The impact of Deep Learning is greater on top line functions and bottom line ones, such as supply chain management and manufacturing

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Forecasting based on underlying causal drivers of demand can improve forecasting accuracy by 10 to 20 percent

STAGE GATE PROCESS OF DATA FUSION

Potential Impact Feasibility and Quality **Working Prototype** Impact Review Impact Estimate Gate Gate Gate Gate Gate New data source Detailed Investigation Testing and validation Preliminary Investigation Development Launch





PREDICTIVE SUPPLY CHAIN IN THE FASHION INDUSTRY

PROBLEMS

SOLUTIONS

APPLICATIONS

Volatile data patterns
Difficult top-down analyses
Quick response needed
Short life cycles for some products
Different or unexpected seasonalities

Data Fusion

Deep Learning algorithms

Continuous Learning

Predictive Models

what it's going to happen

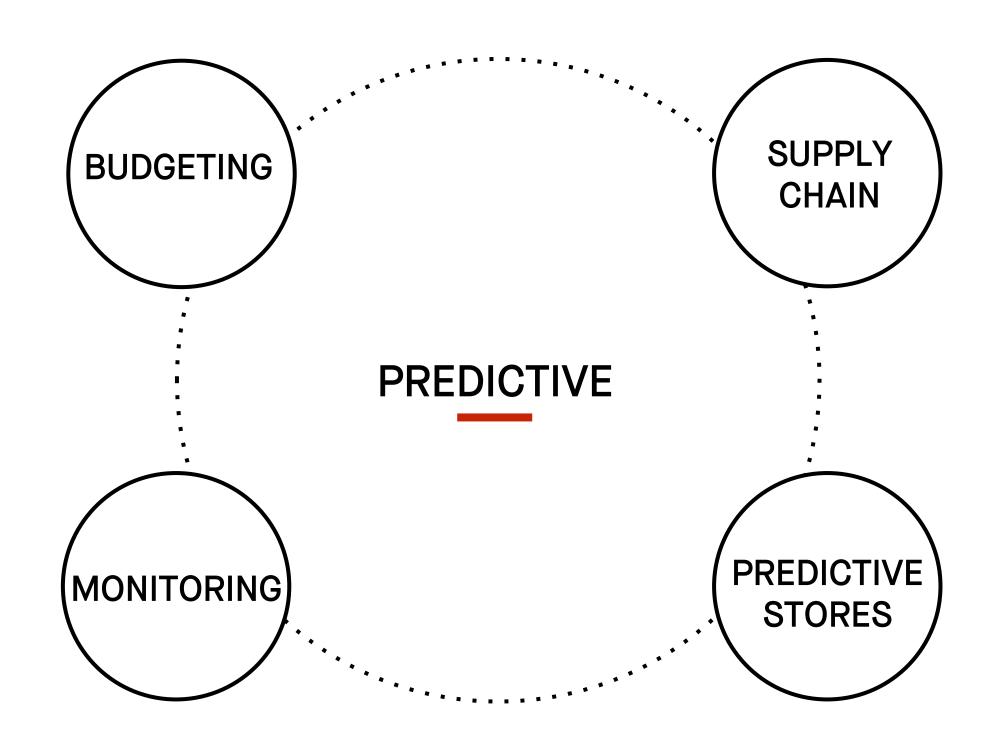
Prescriptive Models

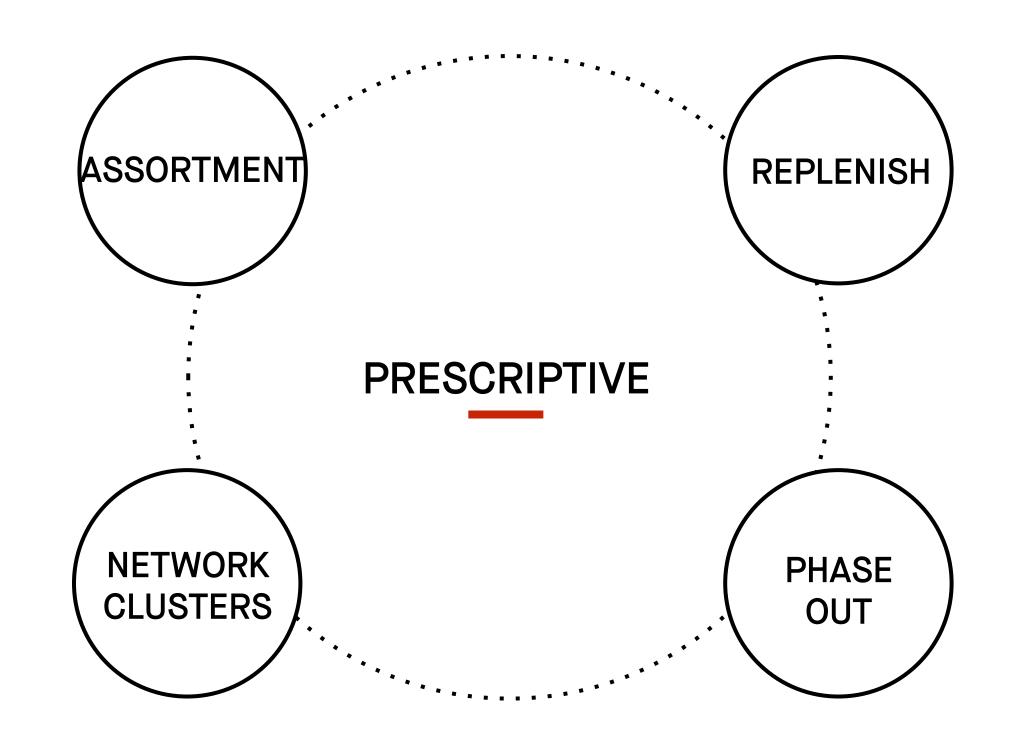
what should be done





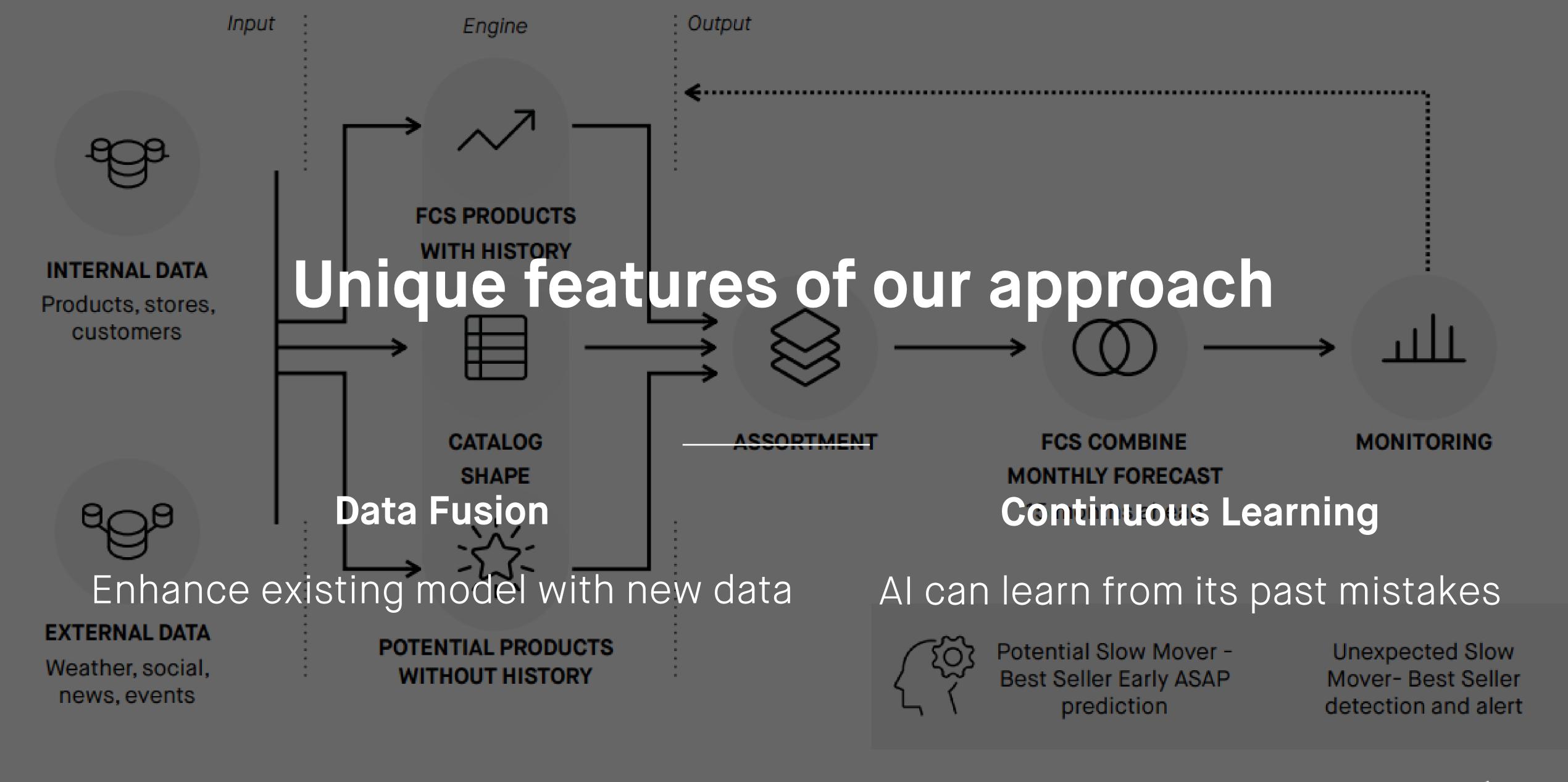
APPLICATIONS





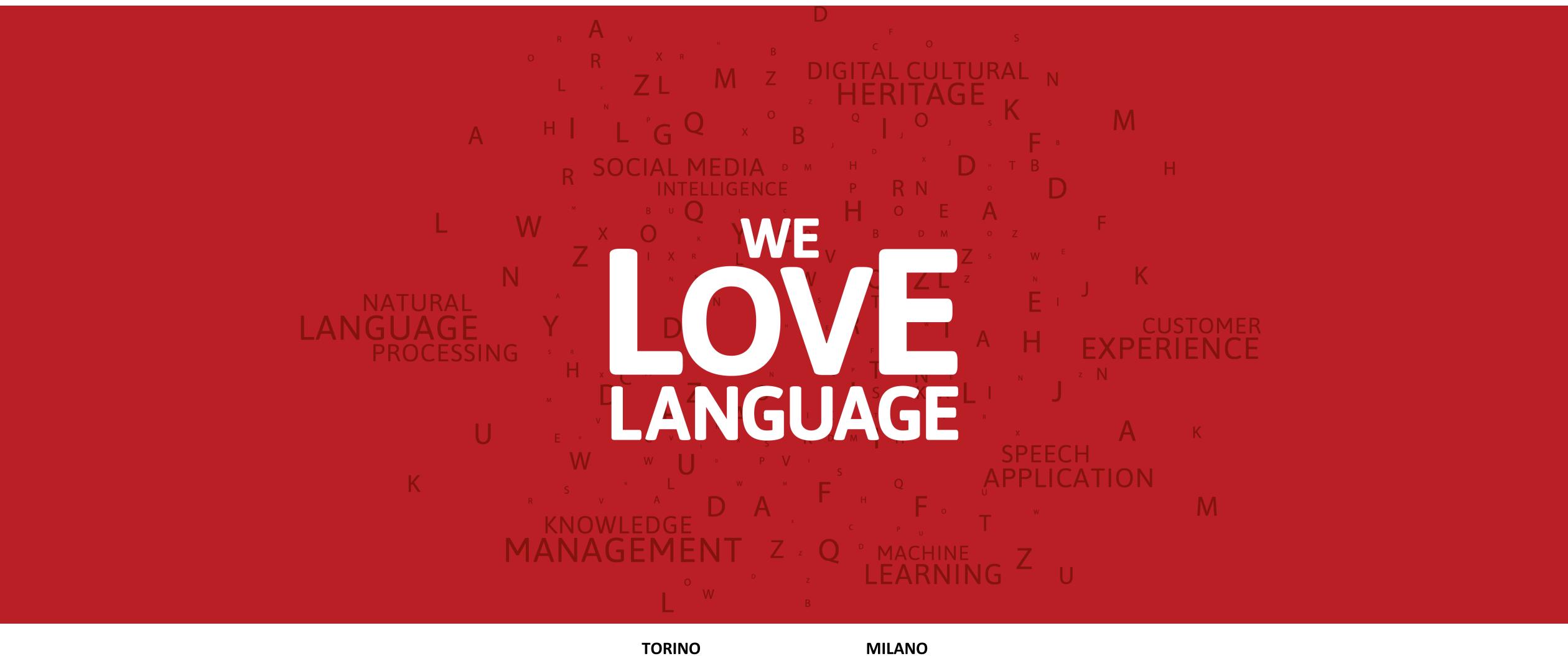














TORINO

Via S. Quintino, 31 10121 Torino +39 011 5627115 info@celi.it

Via G. Borsi, 9 20143 Milano

