World Summit AI 2022

Quantiphi's Experience and Capabilities



Al - Data - Cloud

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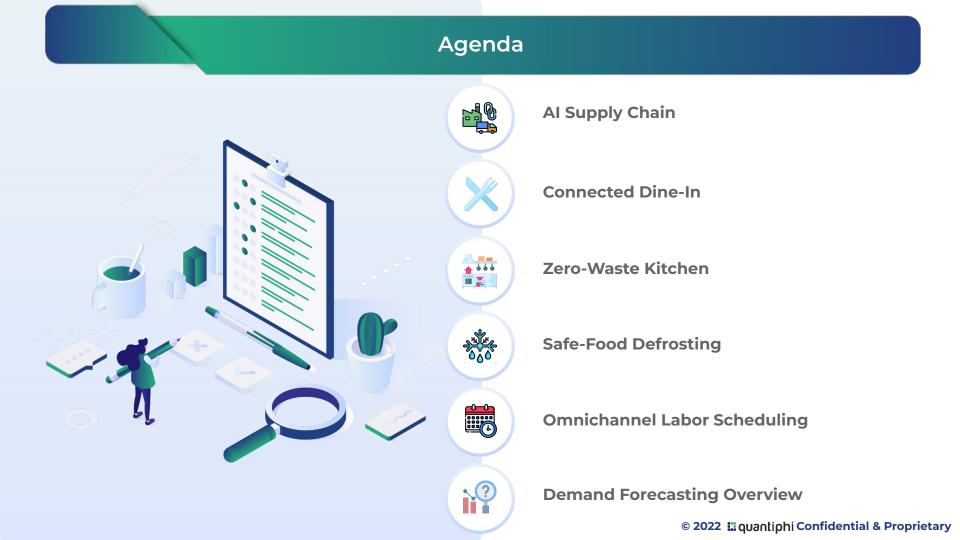




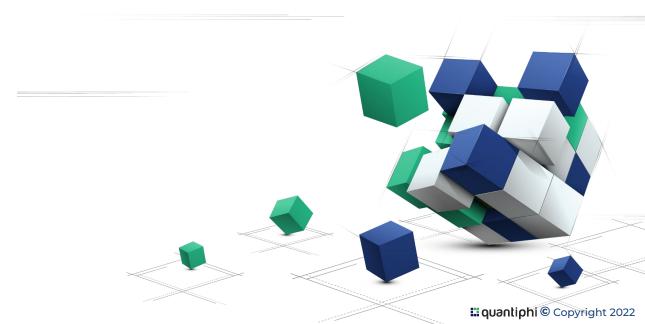
Associate Technical Architect

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Supply Chain at QSRs

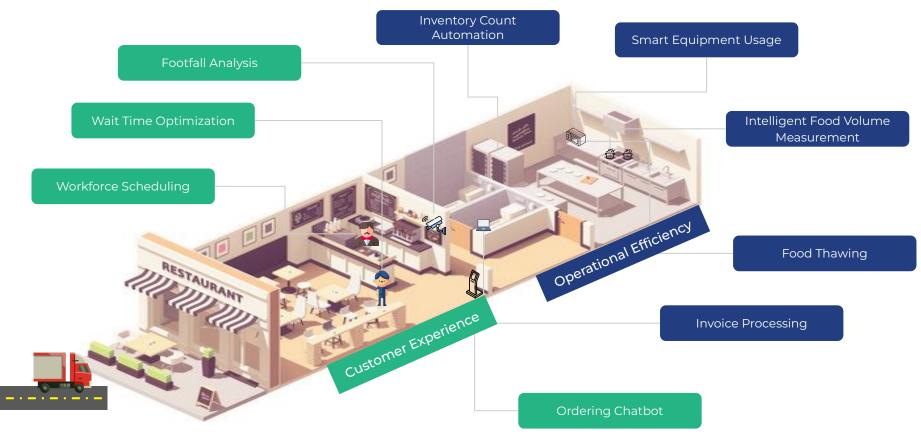


Al Supply Chain



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Connected Dine-In



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Zero-Waste Kitchen



Excessive Food Wastage





DATA LANDSCAPE





Menu Items



Appliances Required





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S-Naive

- The same in the

Moving Averages

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AI-Augmented Kitchen ML MODELS

95%

Reduction in Food and Material Wastage

65% Decrease in Customer Wait Time

25% Optimum Use of Kitchen Equipment

Safe-Food Defrosting

Standard Kitchen

Food Types

Defrosting

Requirements



Degradation in Food Quality



Freezer Space Constraints



Logistical Inefficiency

Consumer

Patterns



Ensuring Food Safety Reduction in Operational Standards Overhead Enabling Storage in DC Granular Demand Planning at Freezers Store and DC levels **ML MODELS**

AI-Augmented Kitchen

Moving Averages

Quantile Random Forest LSTM

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Omnichannel Labor Scheduling

Pre-COVID Scenario



In Person Meals



Primary Focus on in-store Customers

DATA LANDSCAPE



Order Data



Constraints





Fewer In-Person Visits

Surge in Online Orders





AI-enabled Delivery Scheduling

Post-COVID Scenario

ML MODELS



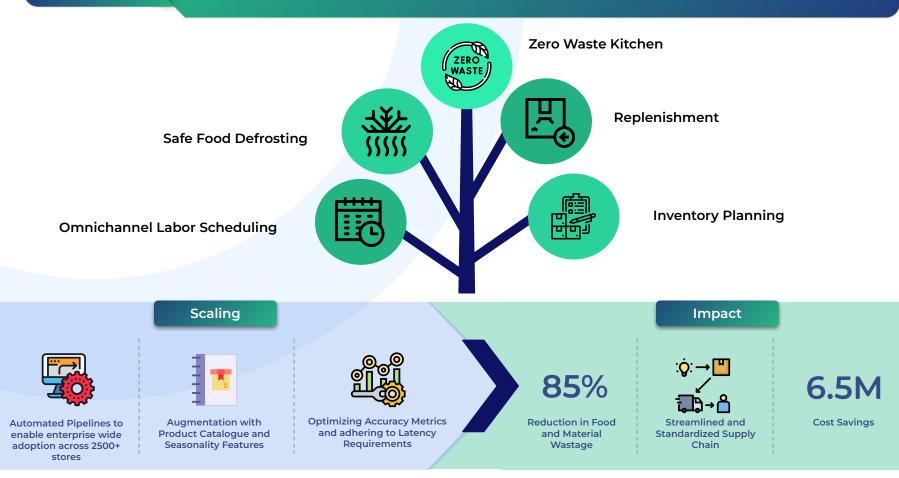


Quantile Forecasting

Optimization Research

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....And it boils down to Forecasting



Build Game Changing AI with Quantiphi



THANK YOU

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