



UlakFin - Crude Oil Sentiment Case

Utilizing Market News for Optimizing Crude Oil Trading

June 2020



THE CRUDE OIL CASE:

Minimizing Risks & Capturing Opportunities During Volatile Market Events

Saudi Russian Oil Wars

Covid19 - Global Slowdown

OPEC+ Oil Cuts

40.94

40.00

36.00

32.00

28.00

24.00

20.00

16.00

2020

17

Feb

Mar

17

Apr

May

Jun

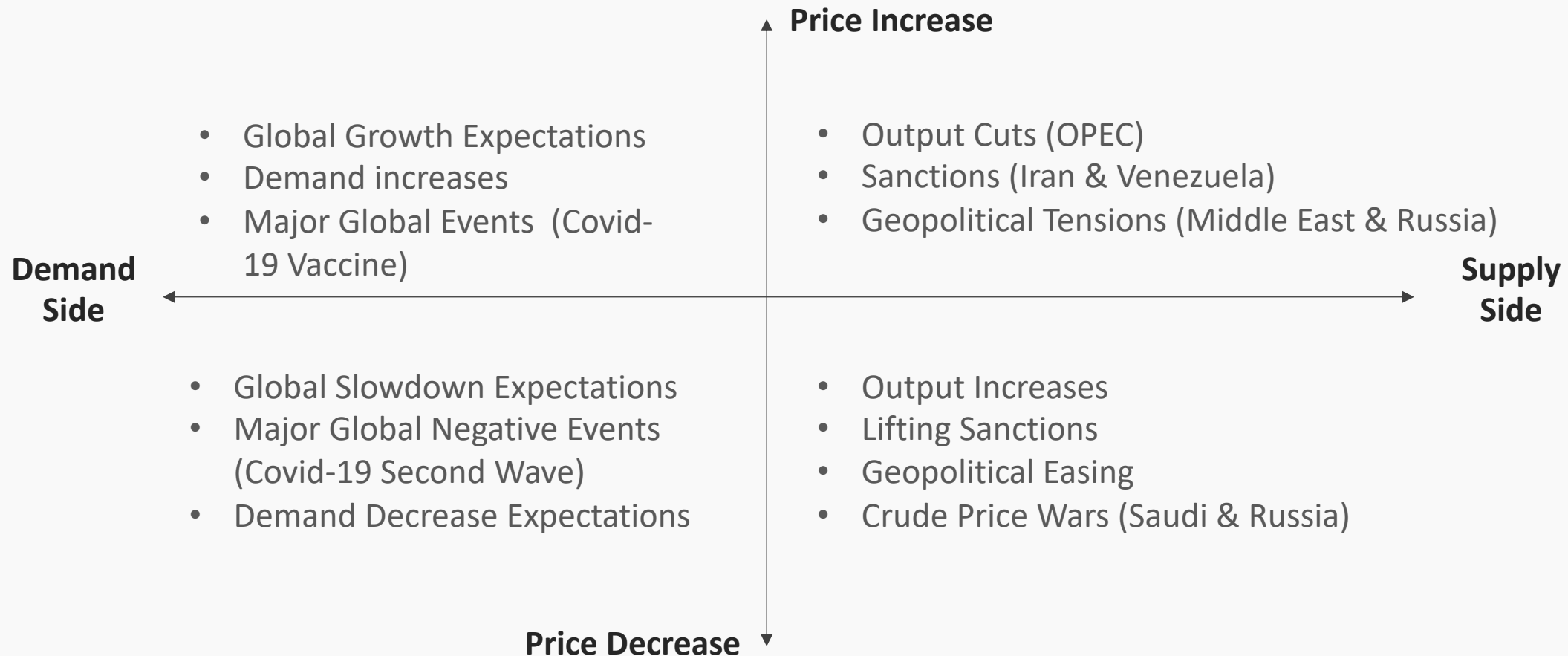
16

Jul



Sentiment Problem: Minimizing Risks & Capturing Opportunities During Volatile Market Events

Some Events Impacting Crude Oil Prices



Sentiment Problem: Supply side event sentiments mostly creates opposite effect on oil prices

News Headline / Detail	Type	Sentiment	Expected Impact
Libya's NOC says output shut down at El Feel oilfield	Supply	Negative	Positive
Global Oil Demand Set to Drop First Time in Decade on Virus	Demand	Negative	Negative
Gulf OPEC not planning extra voluntary oil cuts beyond June: sources	Demand	Positive	Negative
OPEC+ panel calls for more oil cuts on coronavirus impact: Algeria	Demand	Negative	Positive

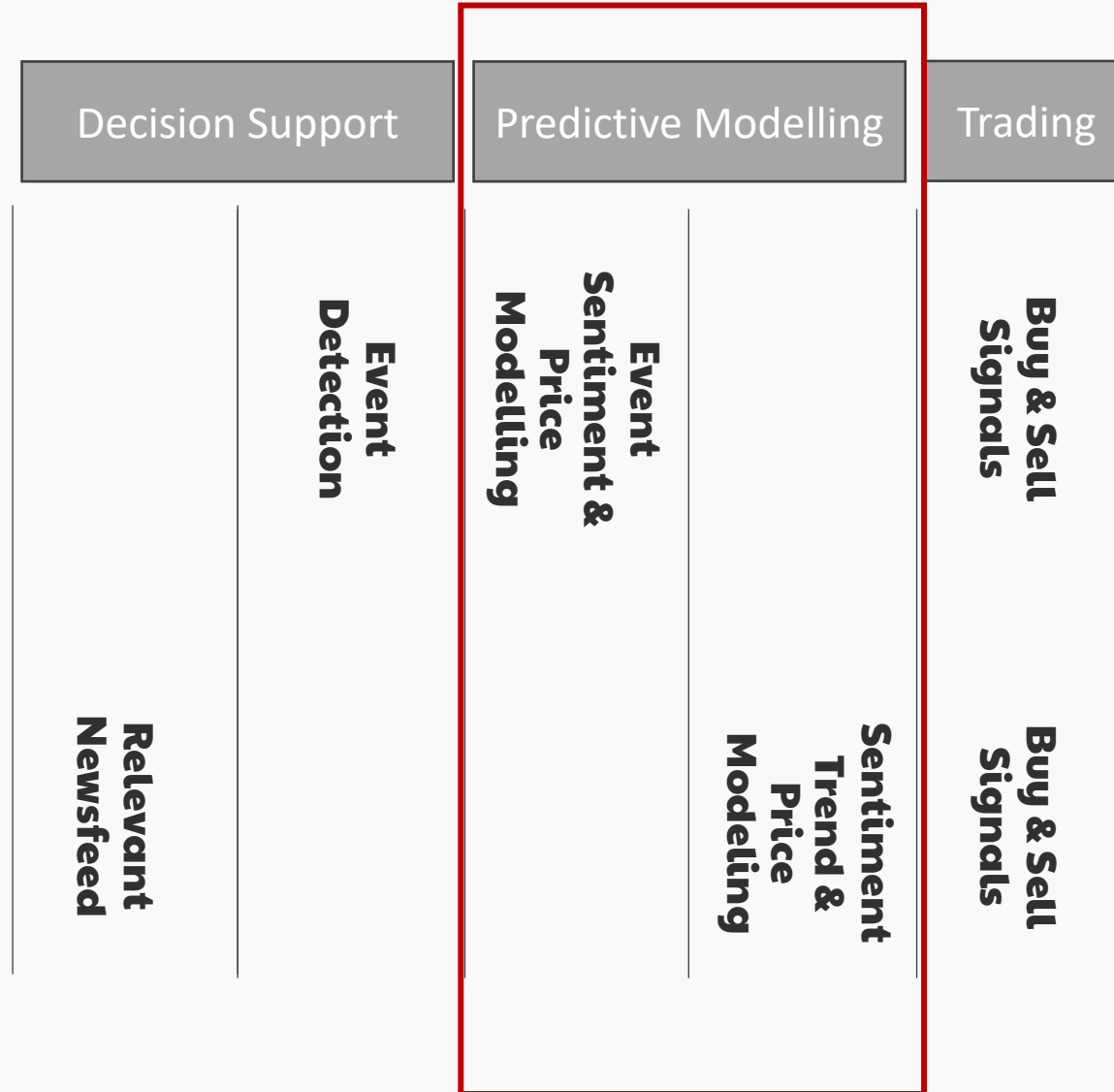
Our Approach: Utilizing news data for future price predictions

Events Affecting Crude Oil Prices

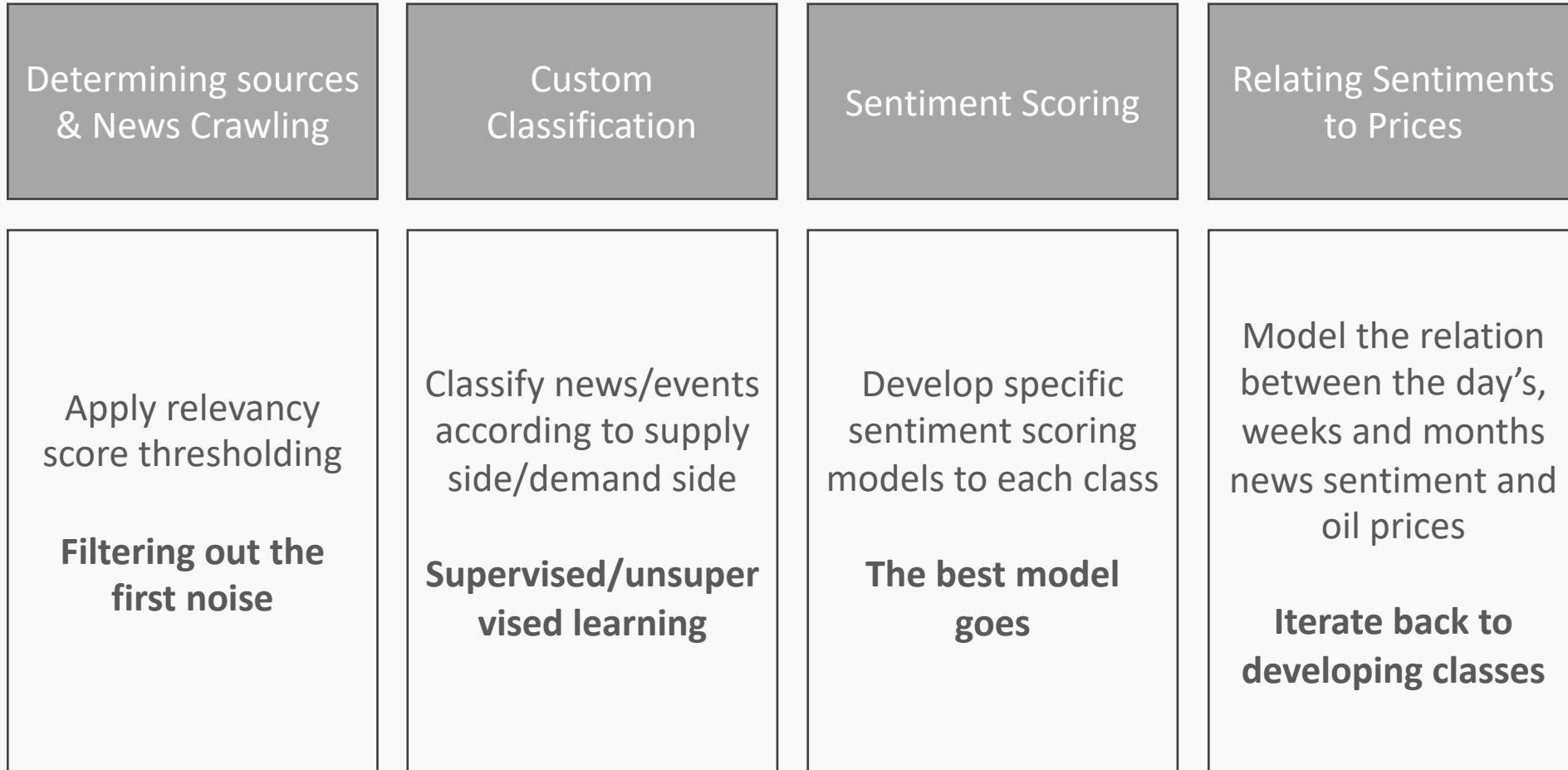
- Output Cuts (Increases)
- Oil field attacks
- New oil field explorations

Trends Affecting Crude Oil Prices

- Global Slowdown (or Growth)
- Geopolitical Tensions (Middle East, Mediterranean etc.)
- Coronavirus Exposure



Our Approach: Tailor-made solution for specific case



Our Solutions:

Smart Newsfeed – Customized Sources, Smart Filters

Smart Event Analytics – Smart Event Classification, Event Metrics

Sentiment Analysis – Customized Models, Finance Focused

News Impact Analytics – Impact Magnitude Score

Customized End to End Algorithmic Trading Solution

News Sentiment Dashboard: Screenshot



CRUDE OIL CASE

Thank You!

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