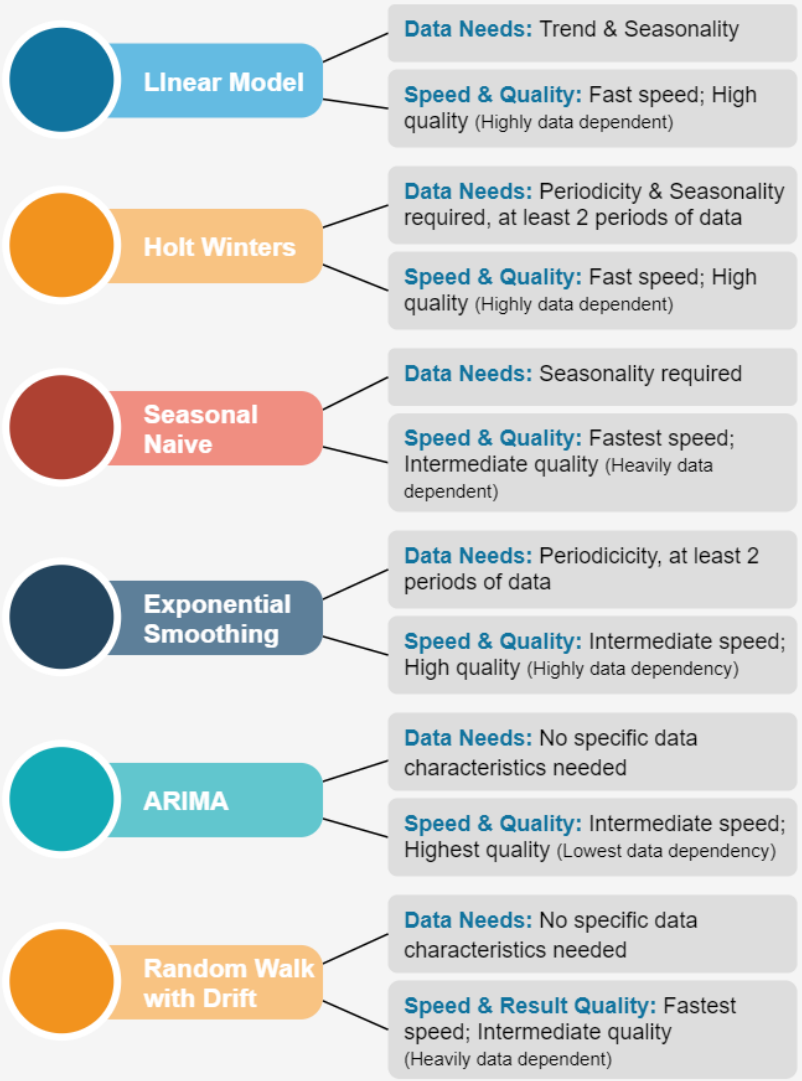
V2.0.4

Jedox AIssisted™ Planning

CHEAT SHEET ON AISSISTED™ PLANNING SERVICES

Time Series Prediction

STATISTICAL



Uses trend and seasonality to create a linear model for prediction

Uses trend, season and level to predict Time Series Forecast; recommended for larger prediction ranges (> 1 year)

Basic ARIMA modelling assuming seasonality

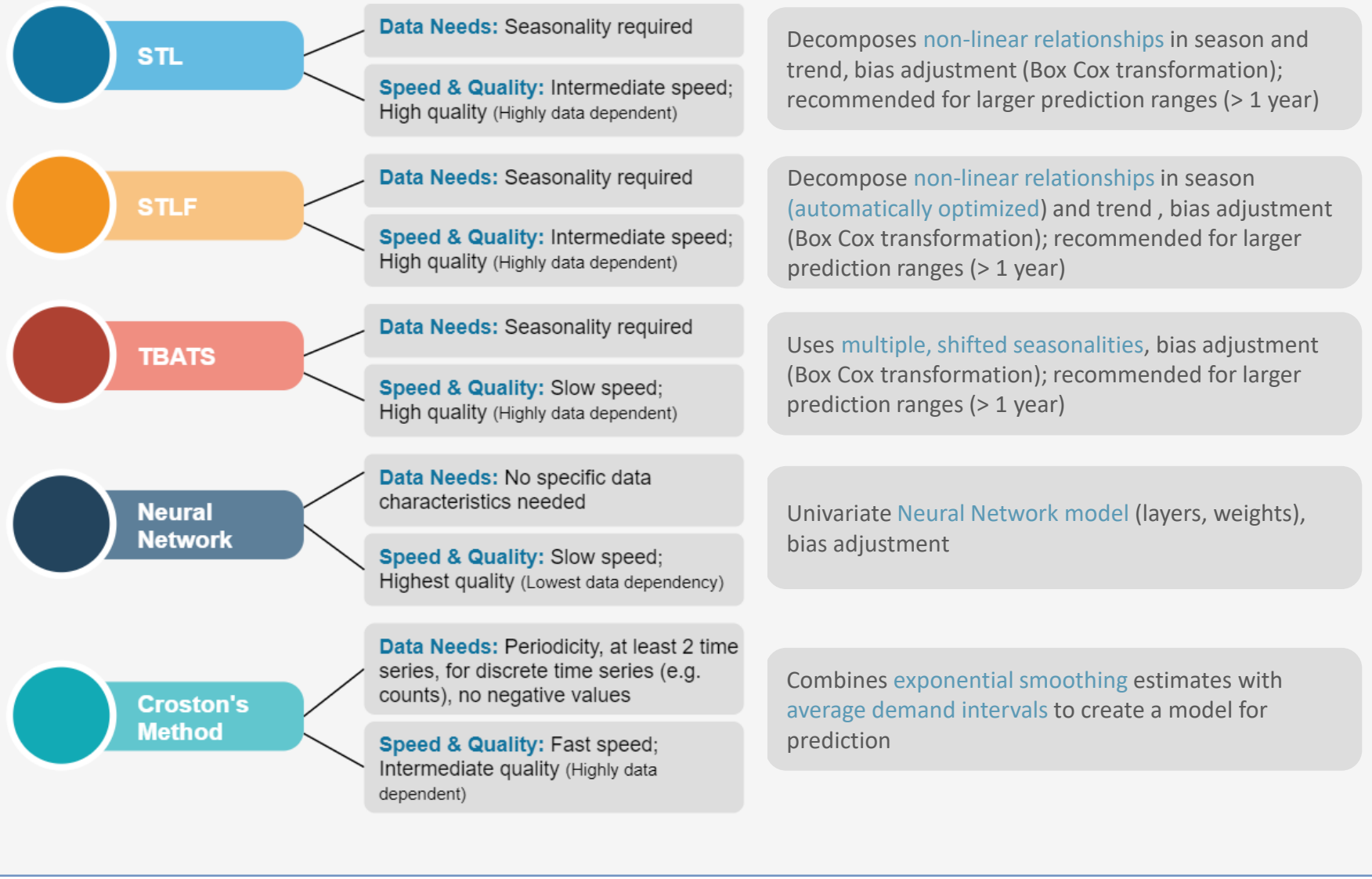
Uses trend and season to predict Time Series Forecast; recommended for larger prediction ranges (> 1 year)

Uses trend, periodicity, seasonality, cyclic nature of time to create optimized ARIMA model series; recommended for larger prediction ranges (> 1 year)

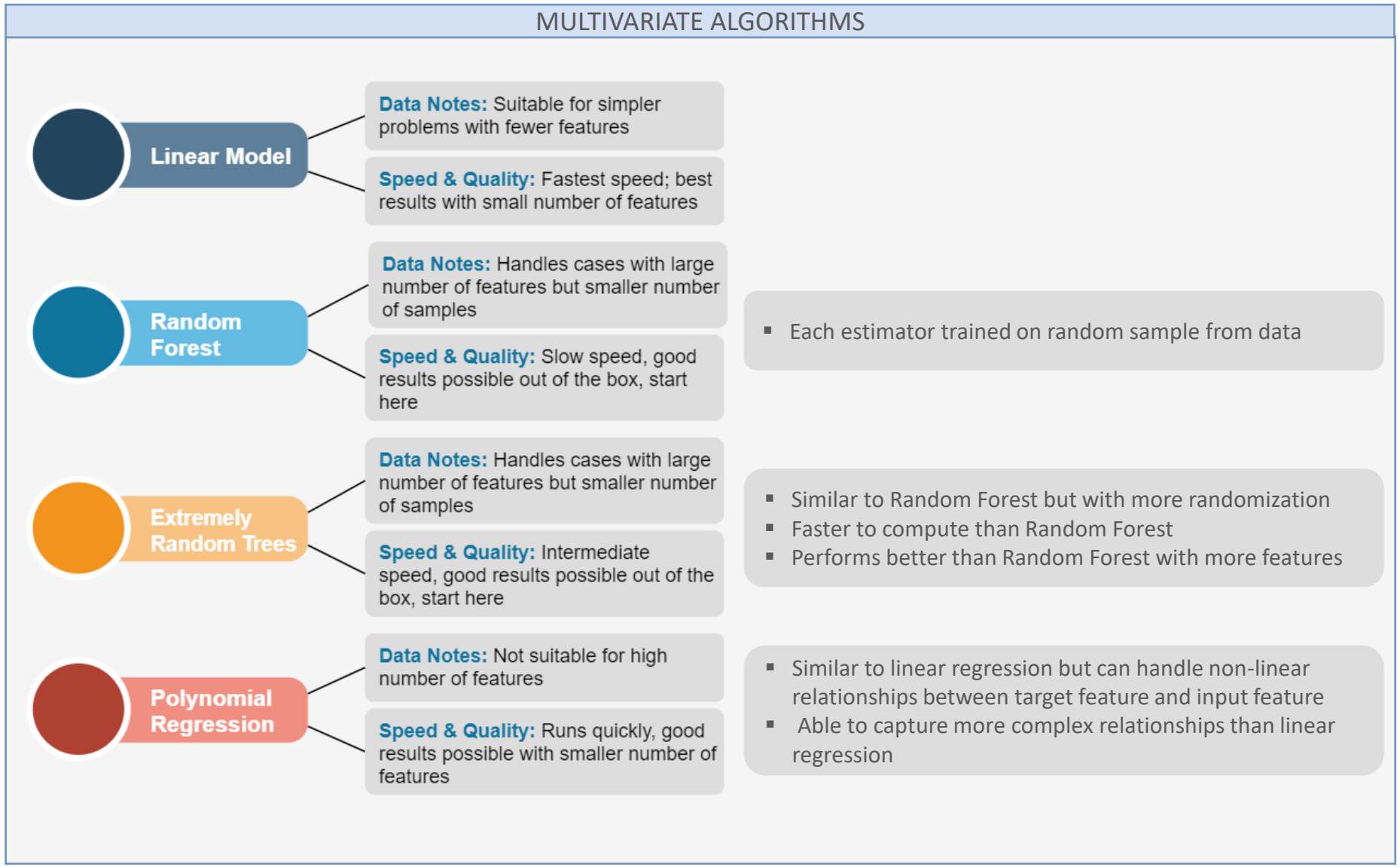
Uses automated drift (error) calculation

Time Series Prediction

INNOVATIVE

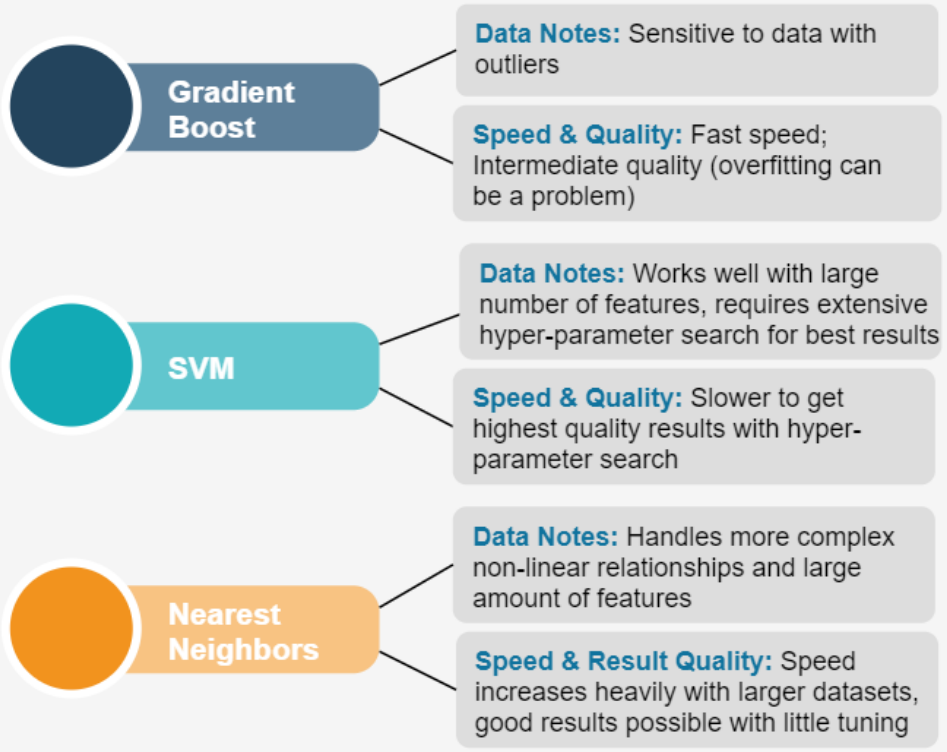


Driver-Based Forecasting



Multivariate Forecasting

DRIVER BASED



- Continuously improve estimator by learning from errors of previous one
- Predict based on weighted average, more likely to overfit

Support Vector Machines

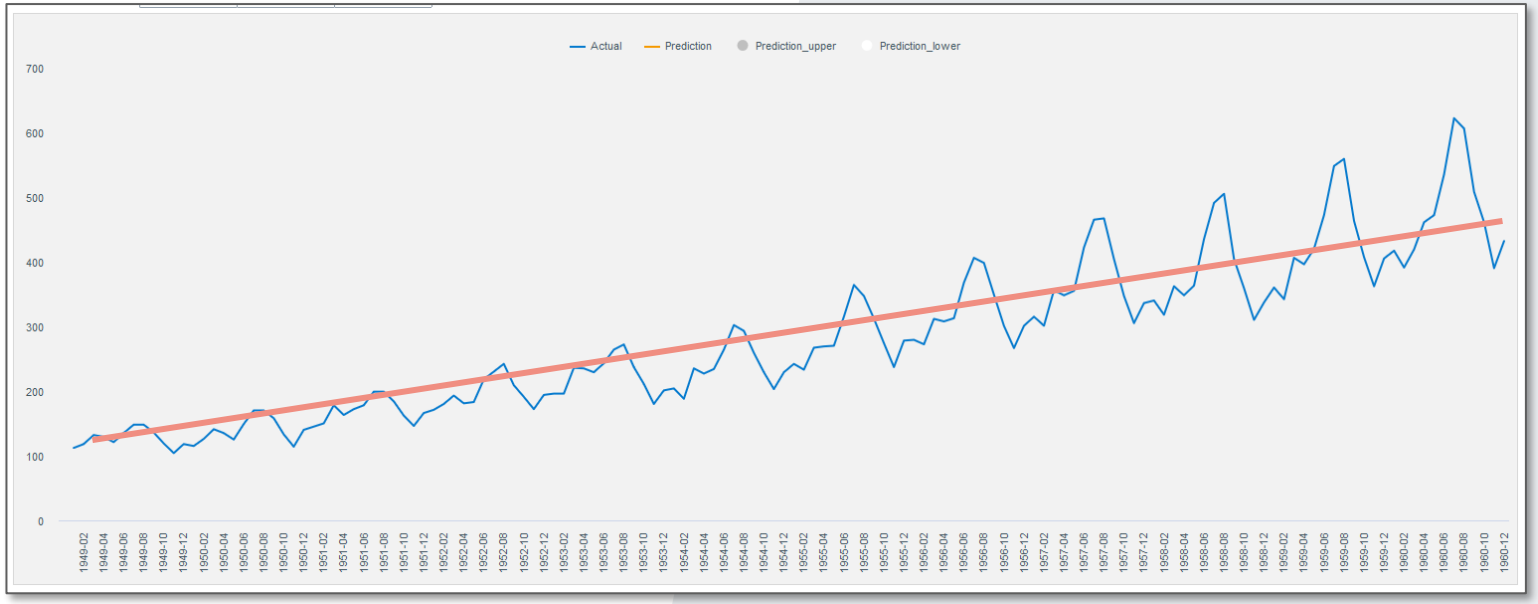
- Can model more complex non-linear relationships
- Works well with a large number of features
- Training time can increase heavily with bigger database

Jedox AIssisted™ Planning – THE AI

What the Algorithms Do

Trend

Decrease, Increase, Static…



Always Look at Data Before the Project

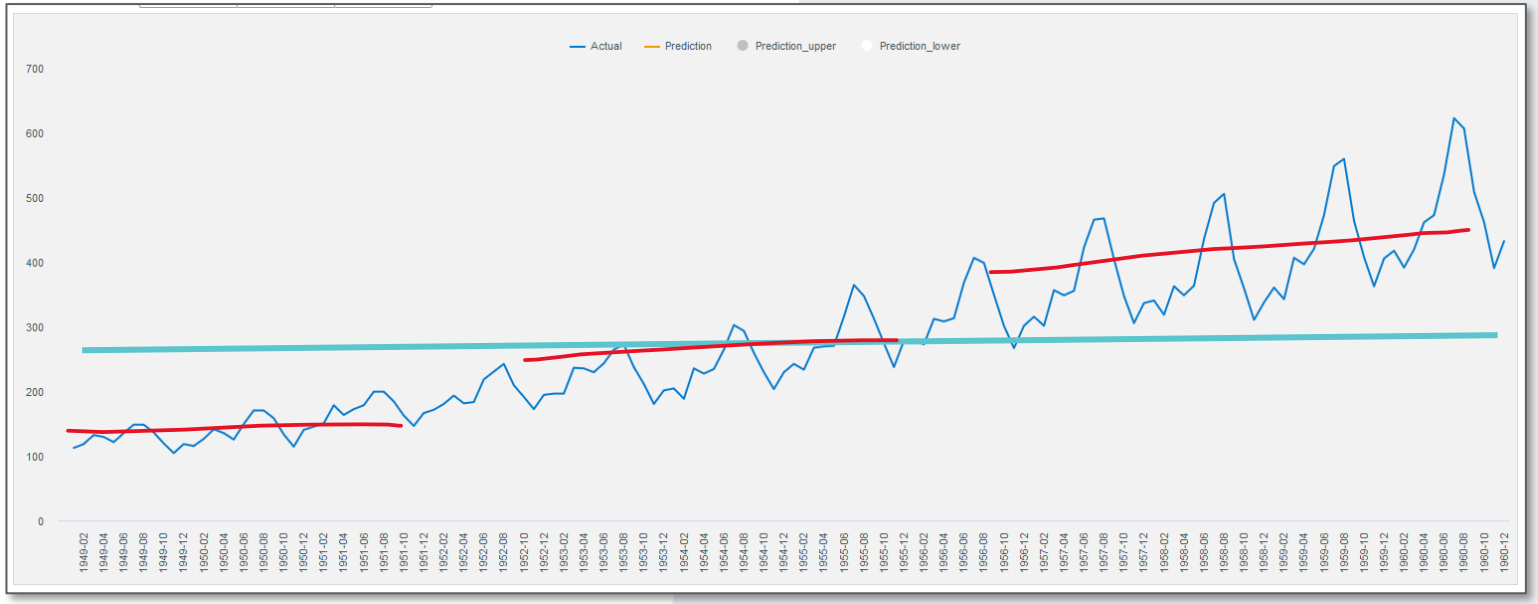
Saves time, gives you better idea of what level to predict

Jedox AIssisted™ Planning – THE AI

What the Algorithms Do

Trend
Decrease, Increase, Static…

Level
Average of Value



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Saves time, gives you better idea of what level to predict

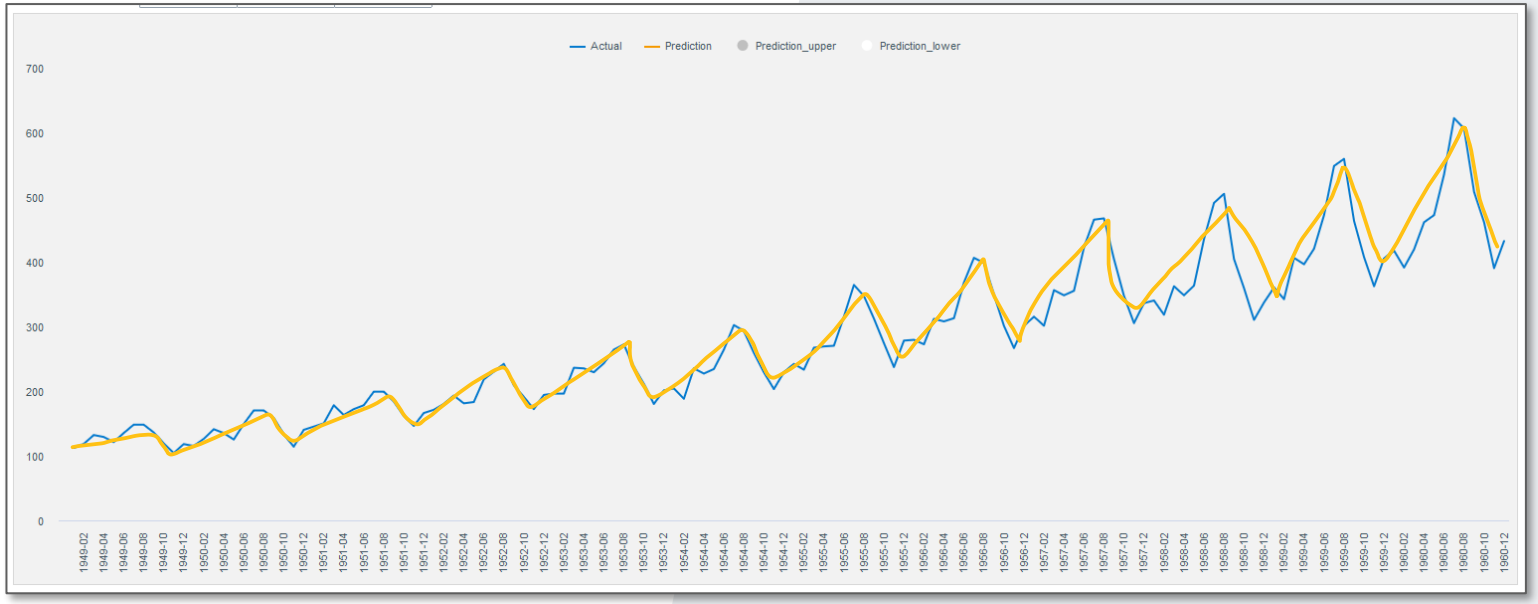
Jedox AIssisted™ Planning – THE AI

What the Algorithms Do

Trend
Decrease, Increase, Static…

Level
Average of Value

Seasonality
Peaks, valley, etc.



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Jedox AIssisted™ Planning – THE AI

What the Algorithms Do

Trend
Decrease, Increase, Static…

Level
Average of Value

Seasonality
Peaks, valley, etc.

Period
e.g. 1 year

Always Look at Data Before the Project
Saves time, gives you better idea of what level to predict

Jedox AIssisted™ Planning – THE AI

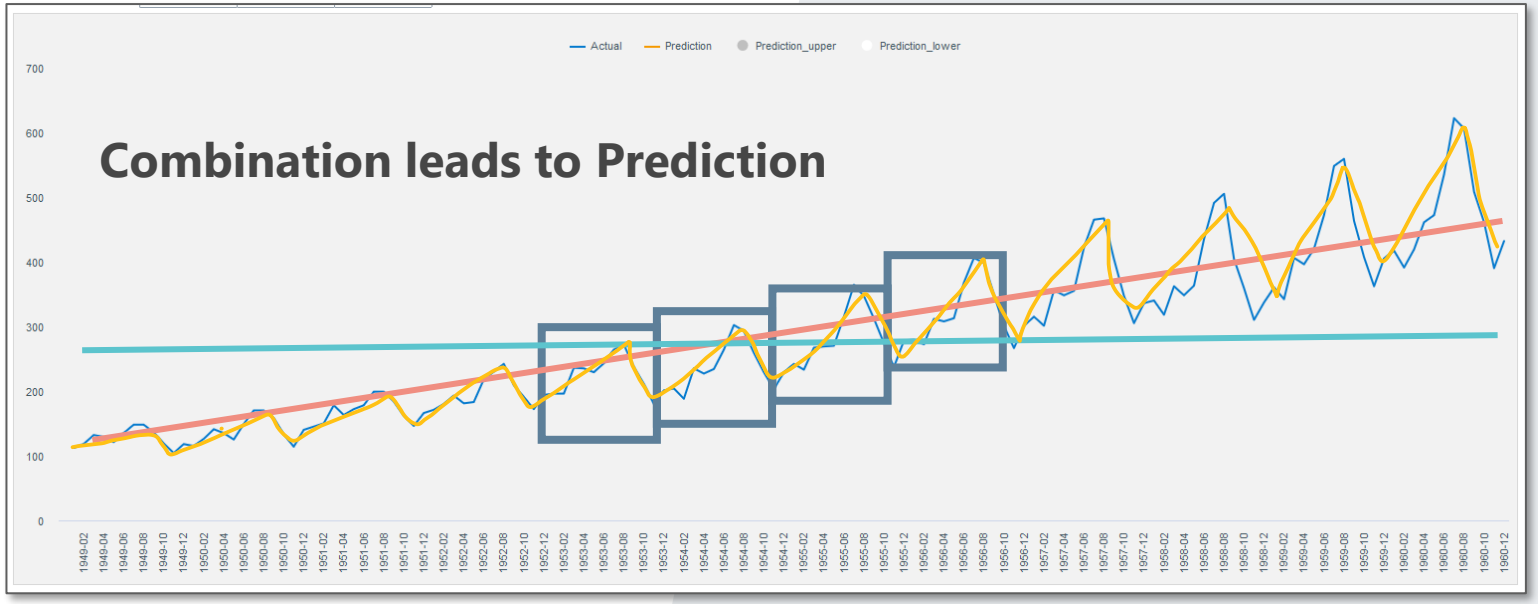
Algorithms take all of this into account to calculate Prediction

Trend
Decrease, Increase, Static…

Level
Average of Value

Seasonality
Peaks, valley, etc.

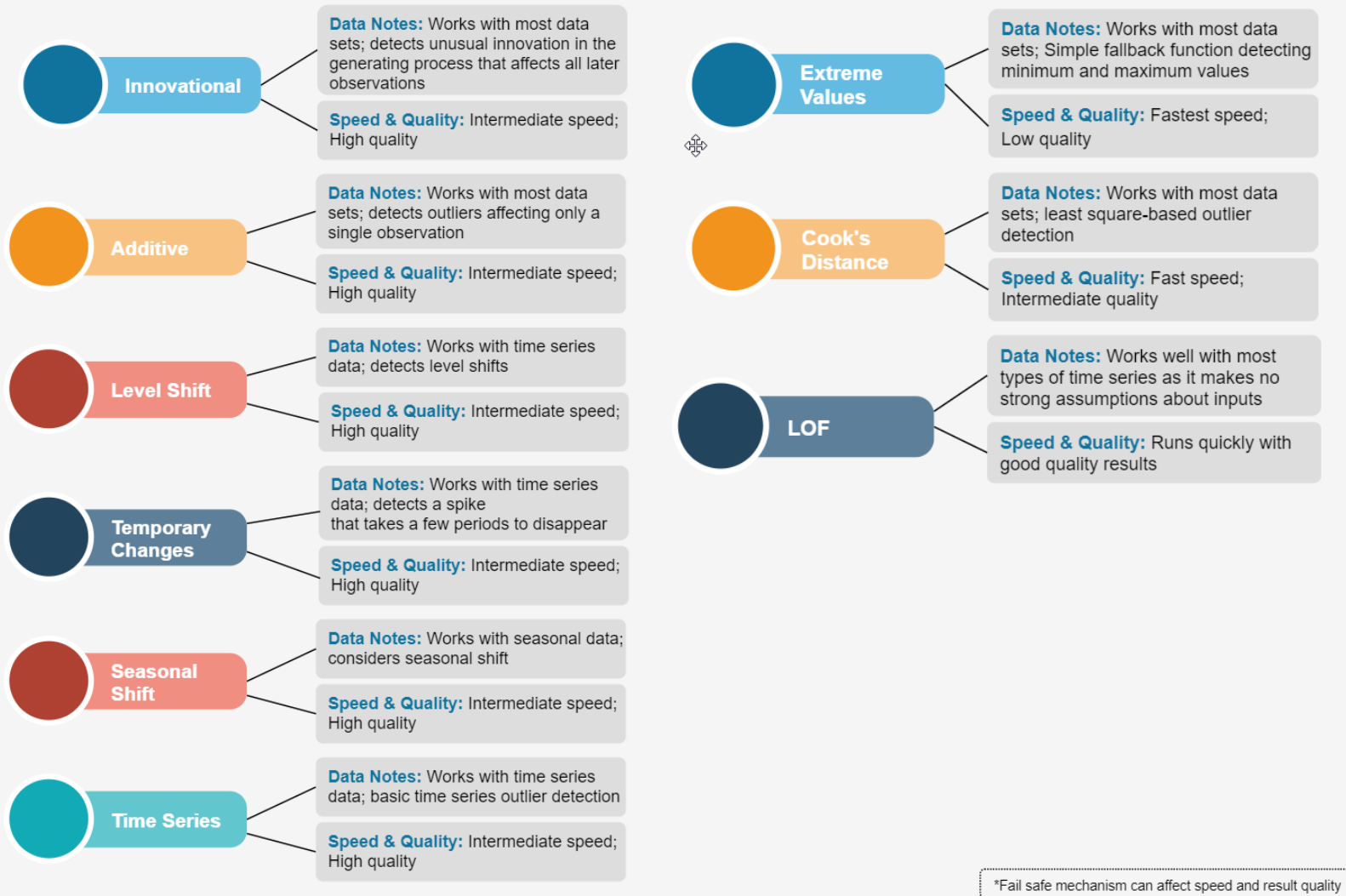
Period
e.g. 1 year



Always Look at Data Before the Project
Saves time, gives you better idea of what level to predict

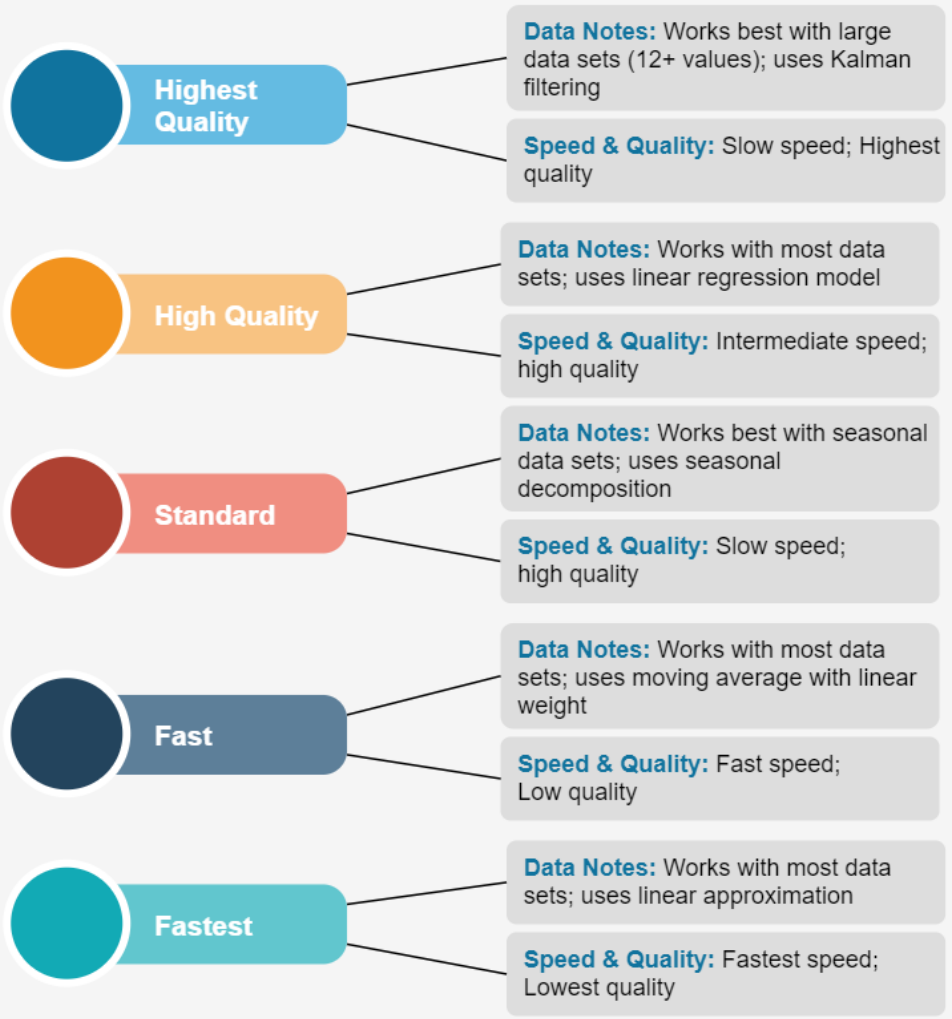
Data Preparation: Outlier Detection

SIMPLE | MEDIUM |ADVANCED (SEASONAL)*



Data Preparation: Interpolation

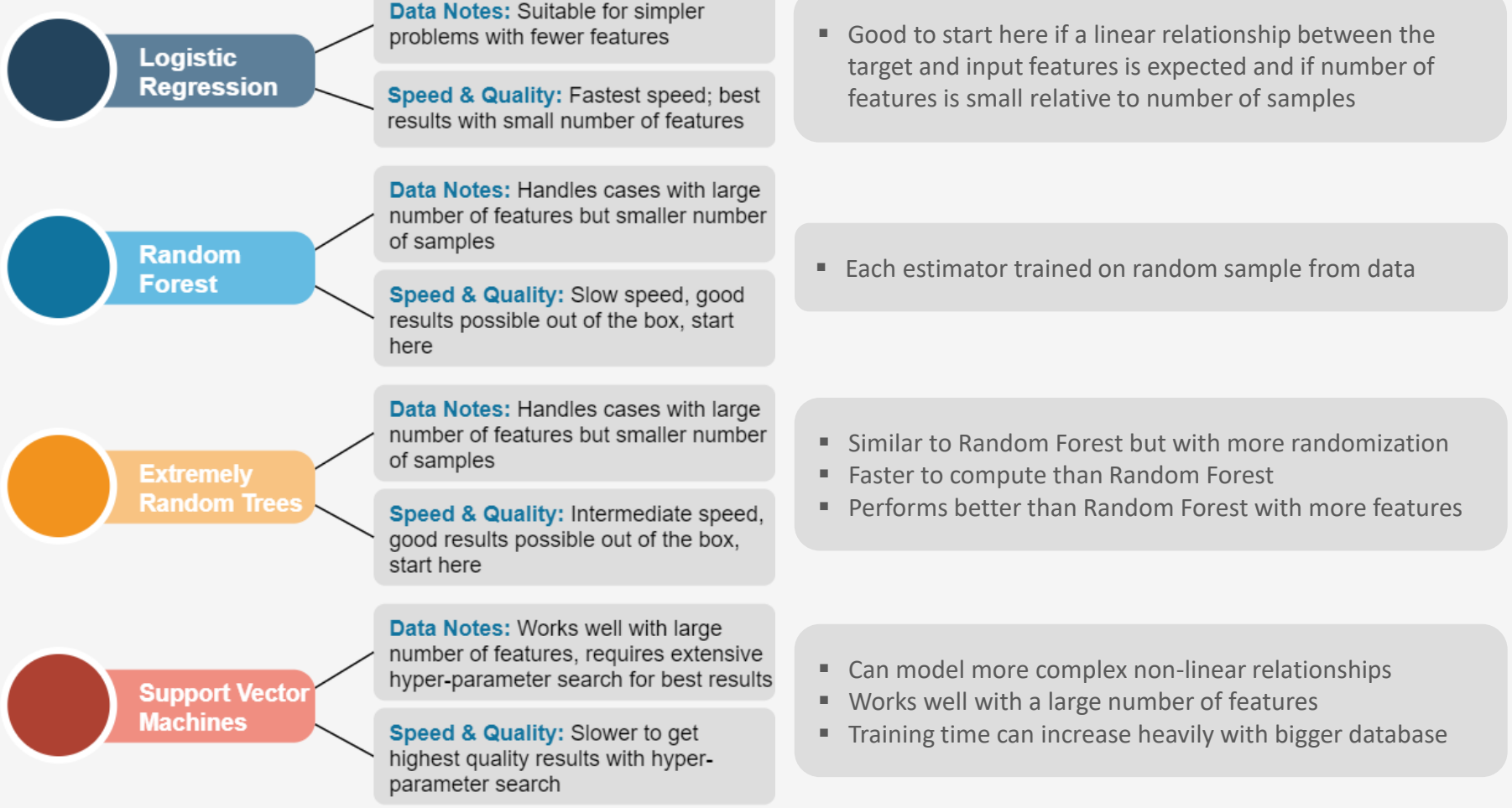
SIMPLE | MEDIUM |ADVANCED (SEASONAL)**



**More options available using integrator job and documentation

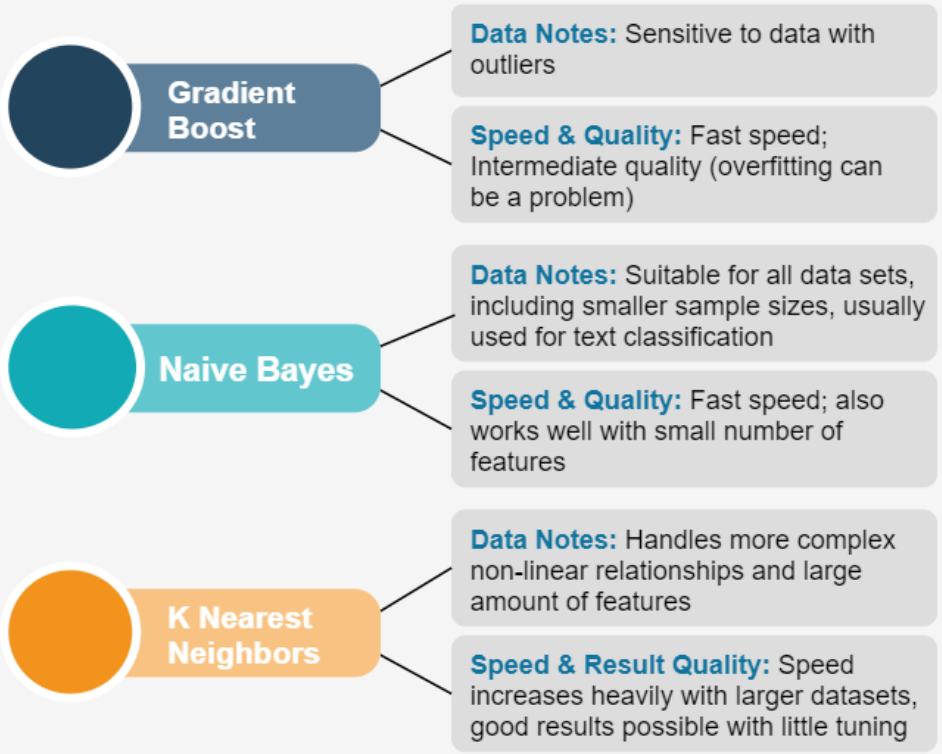
Classification

ALGORITHMS



Classification

ALGORITHMS



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