

Introduction to decomposition trees

TREND ANALYSIS IN POWER BI



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What is a decomposition tree?

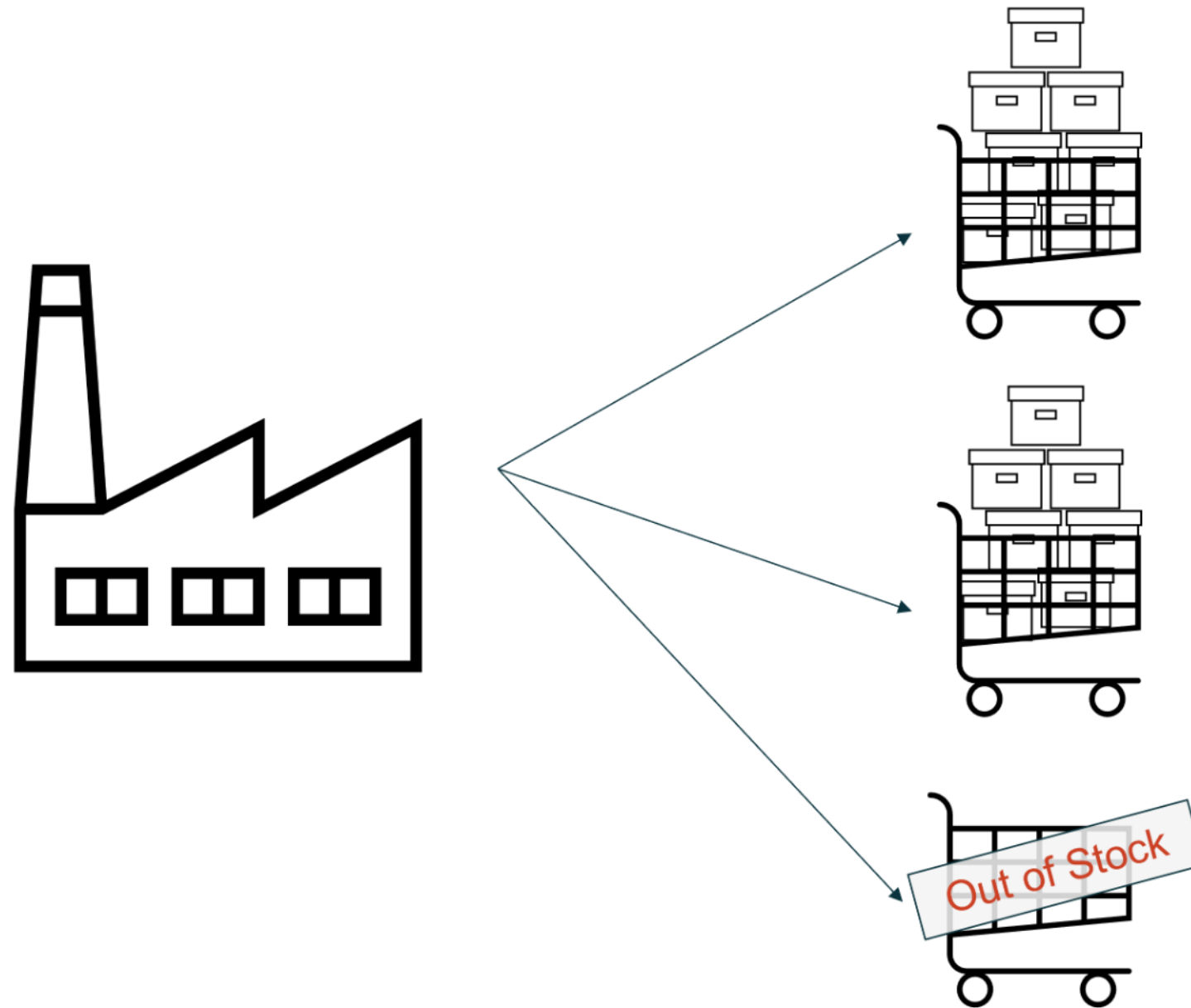
Definition:

A method for breaking down a target variable by multiple dimensions or variables to determine resulting influence.

Use Cases:

- Ad hoc exploration
- Root cause analysis
- Identifying influential variables

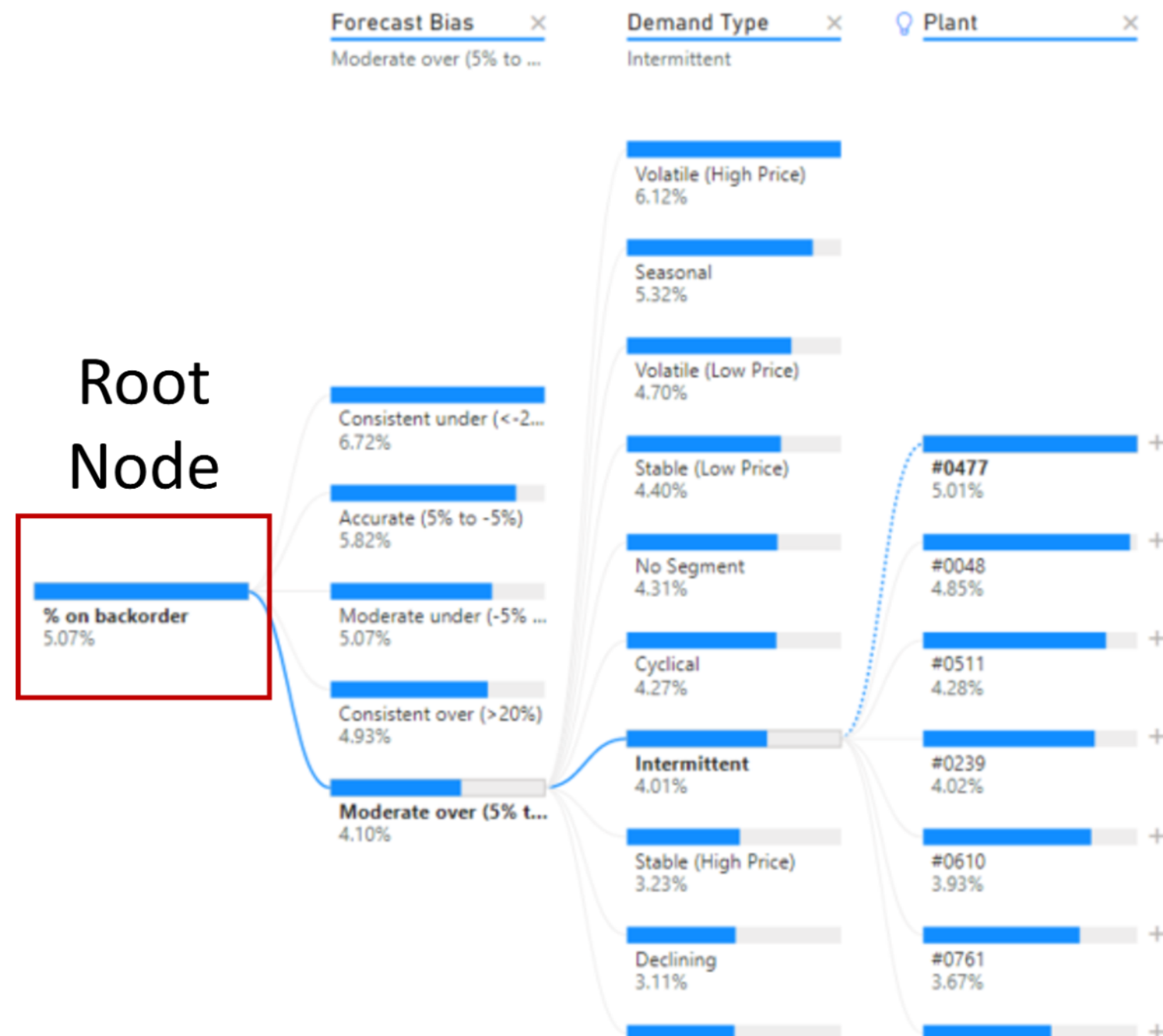
Structure of a decomposition tree



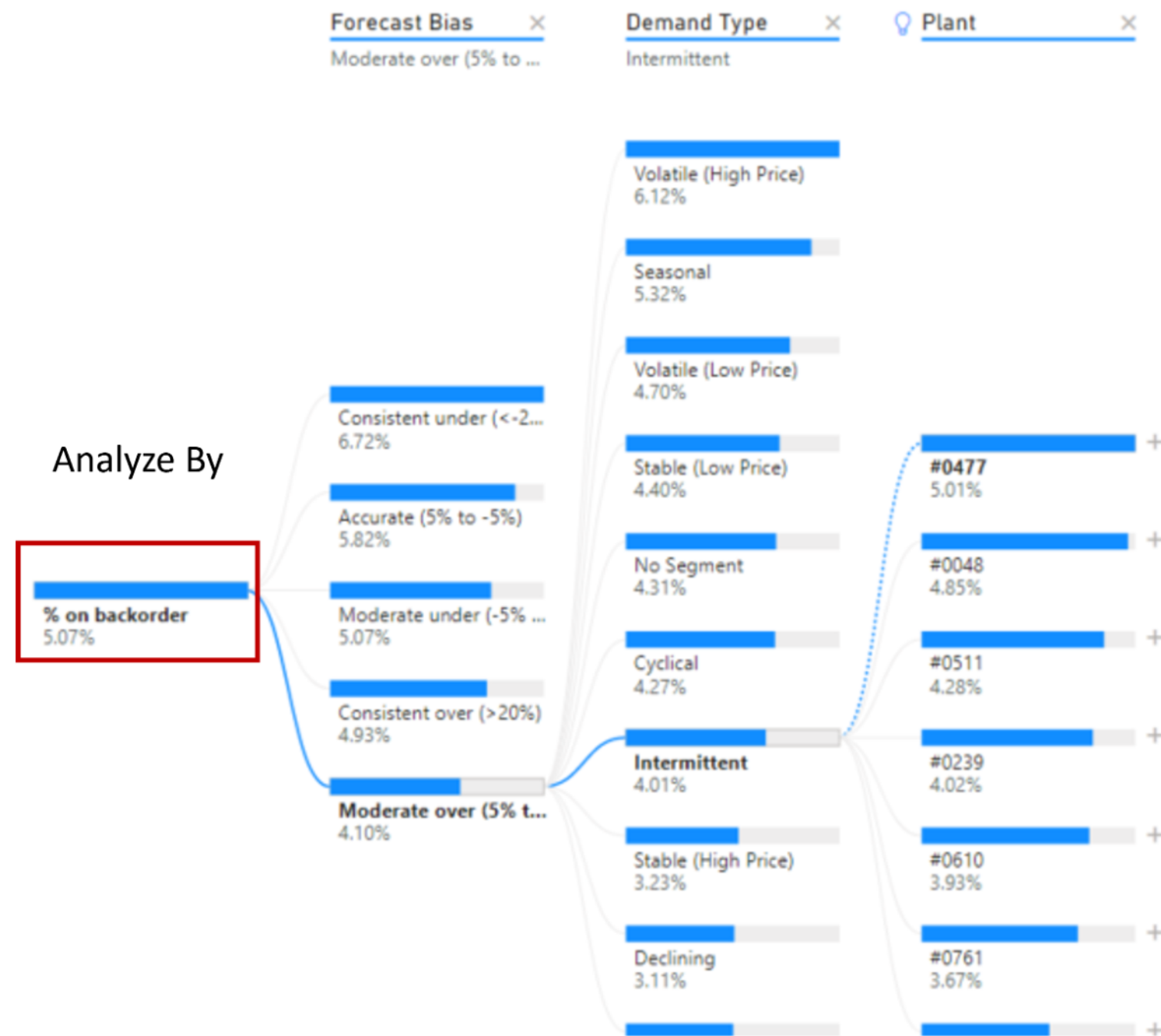
Structure of a decomposition tree



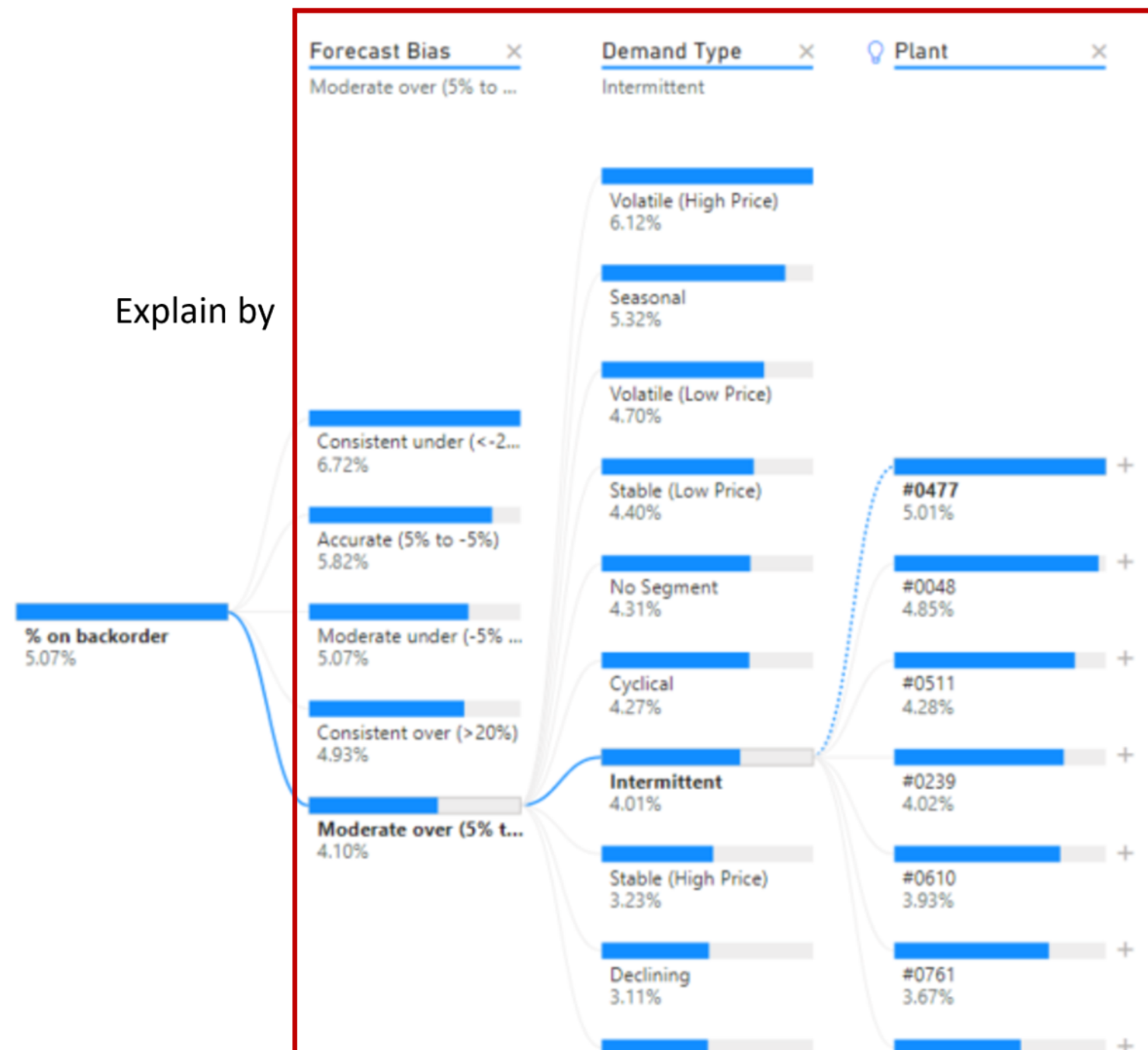
Structure of a decomposition tree



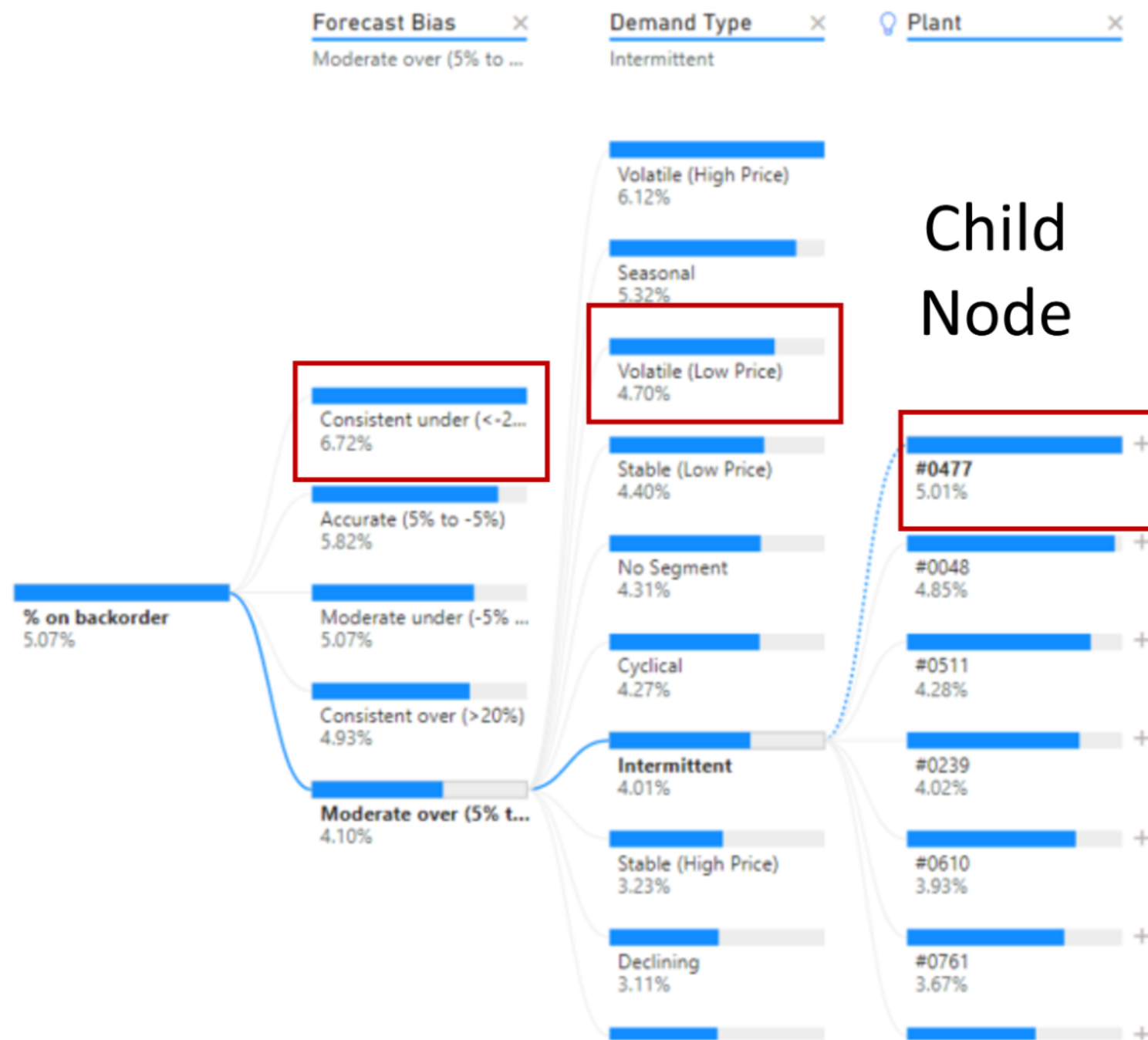
Structure of a decomposition tree



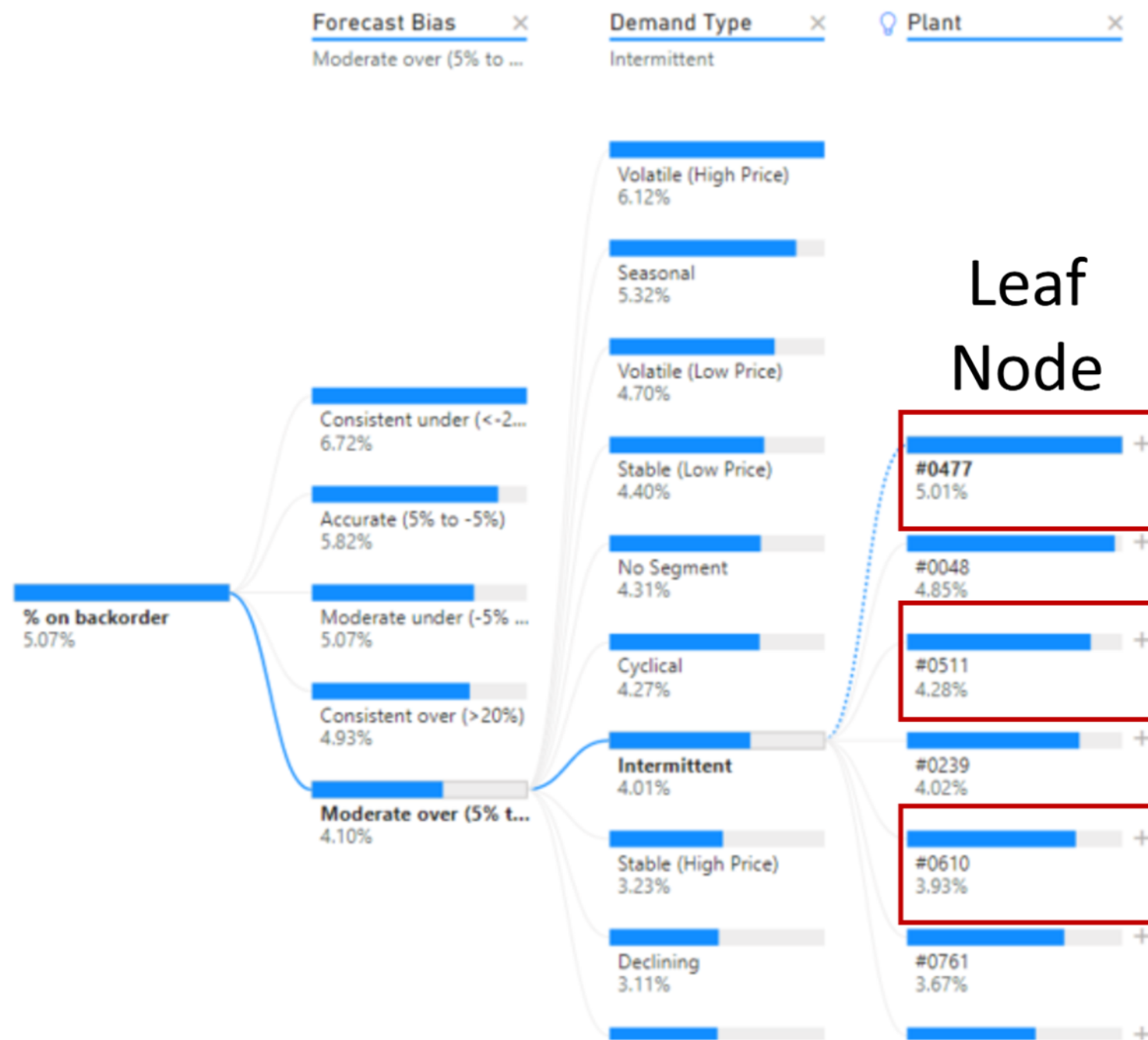
Structure of a decomposition tree



Structure of a decomposition tree

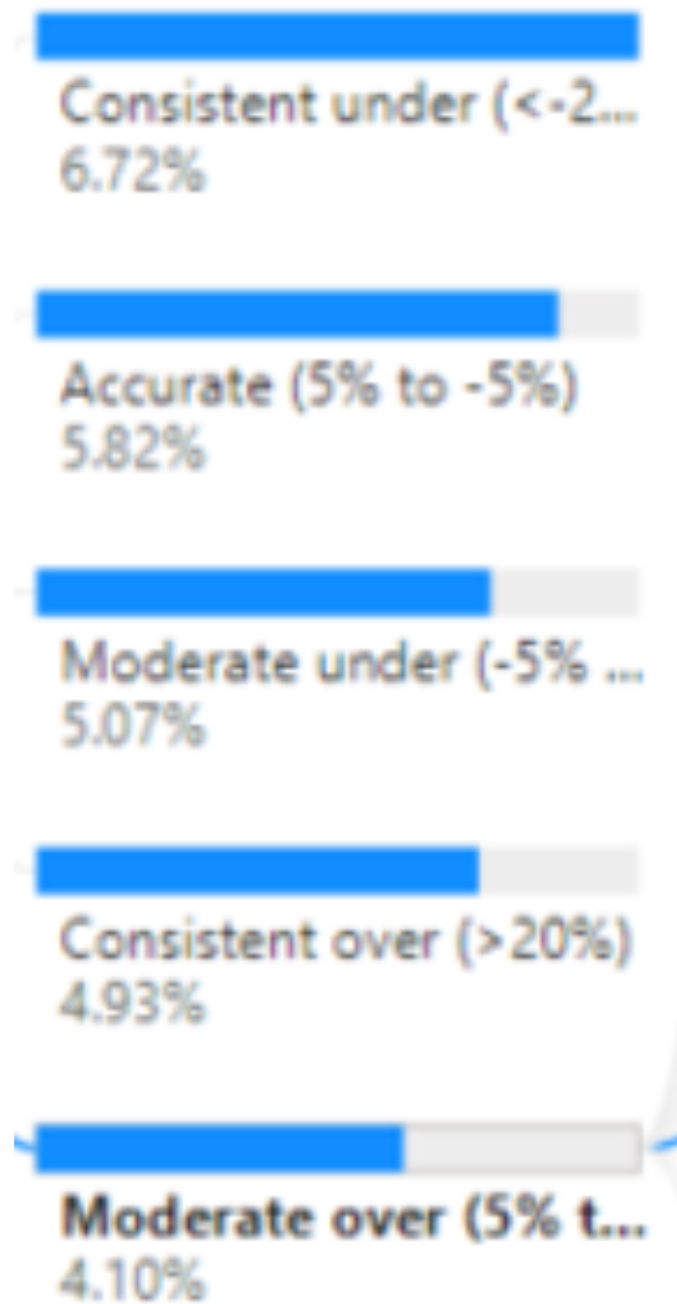


Structure of a decomposition tree

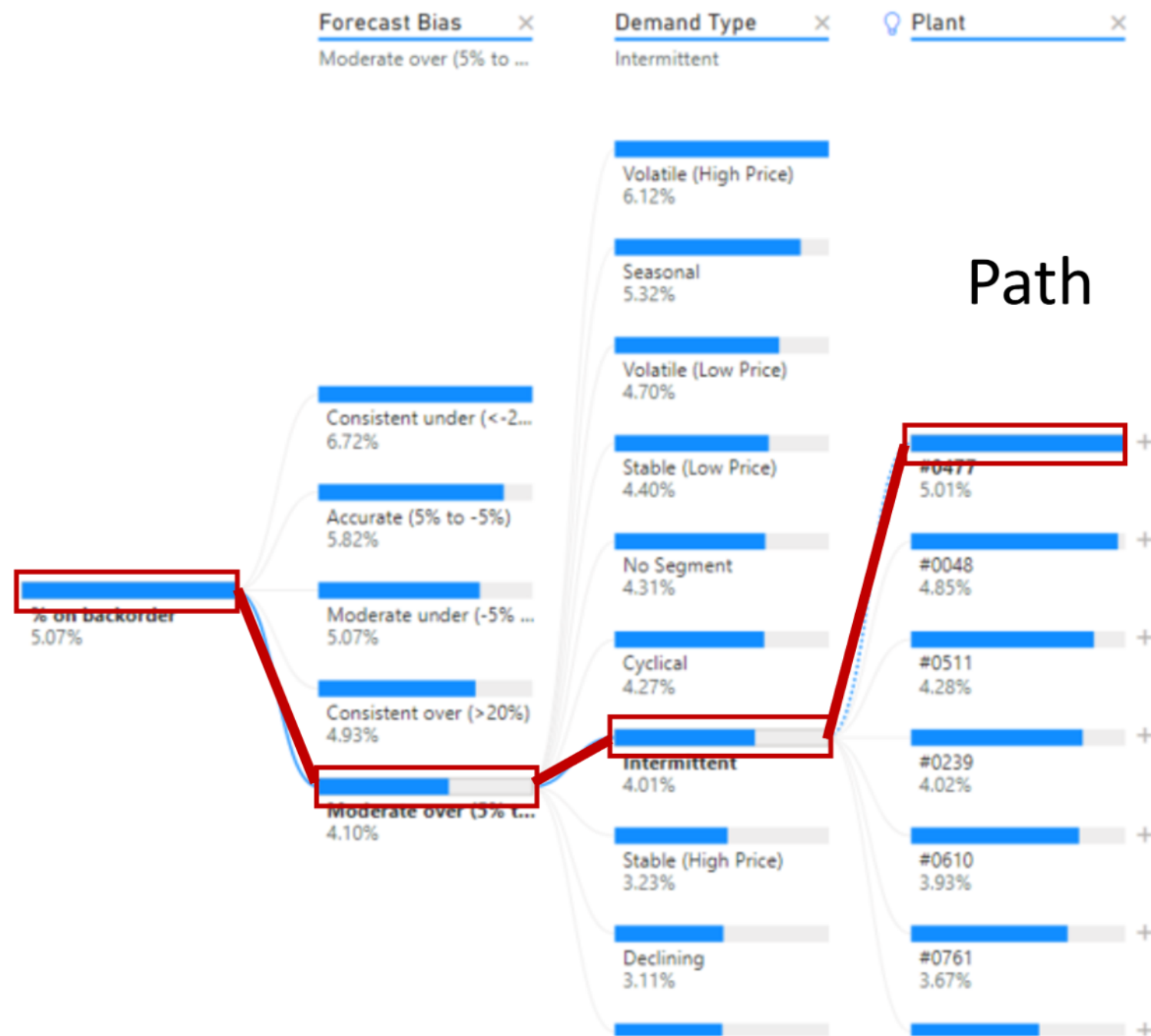


Leaf
Node

Structure of a decomposition tree



Structure of a decomposition tree



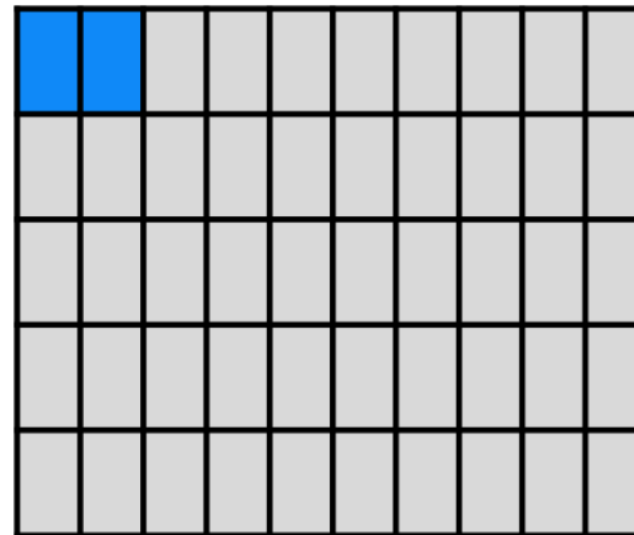
Reading a decomposition tree



% on backorder
5.07%

ALL ORDERS

5.07%
on
backorder



Reading a decomposition tree

Forecast Bias

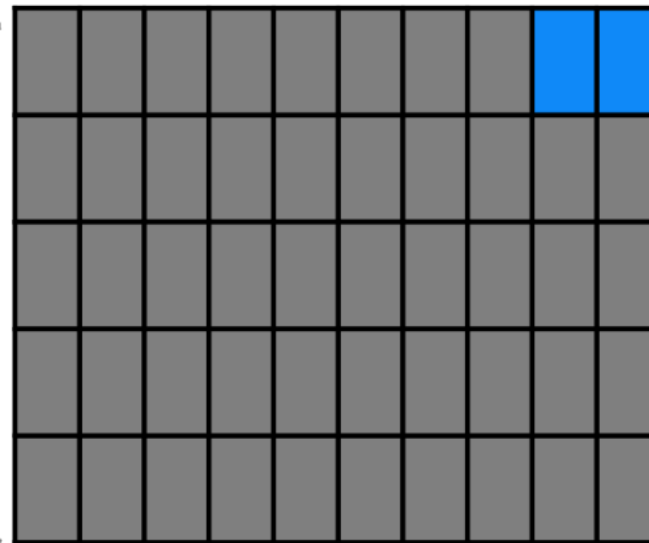
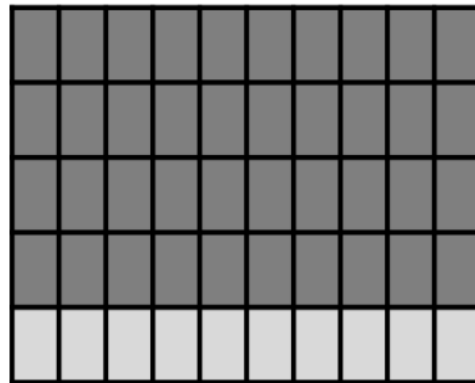


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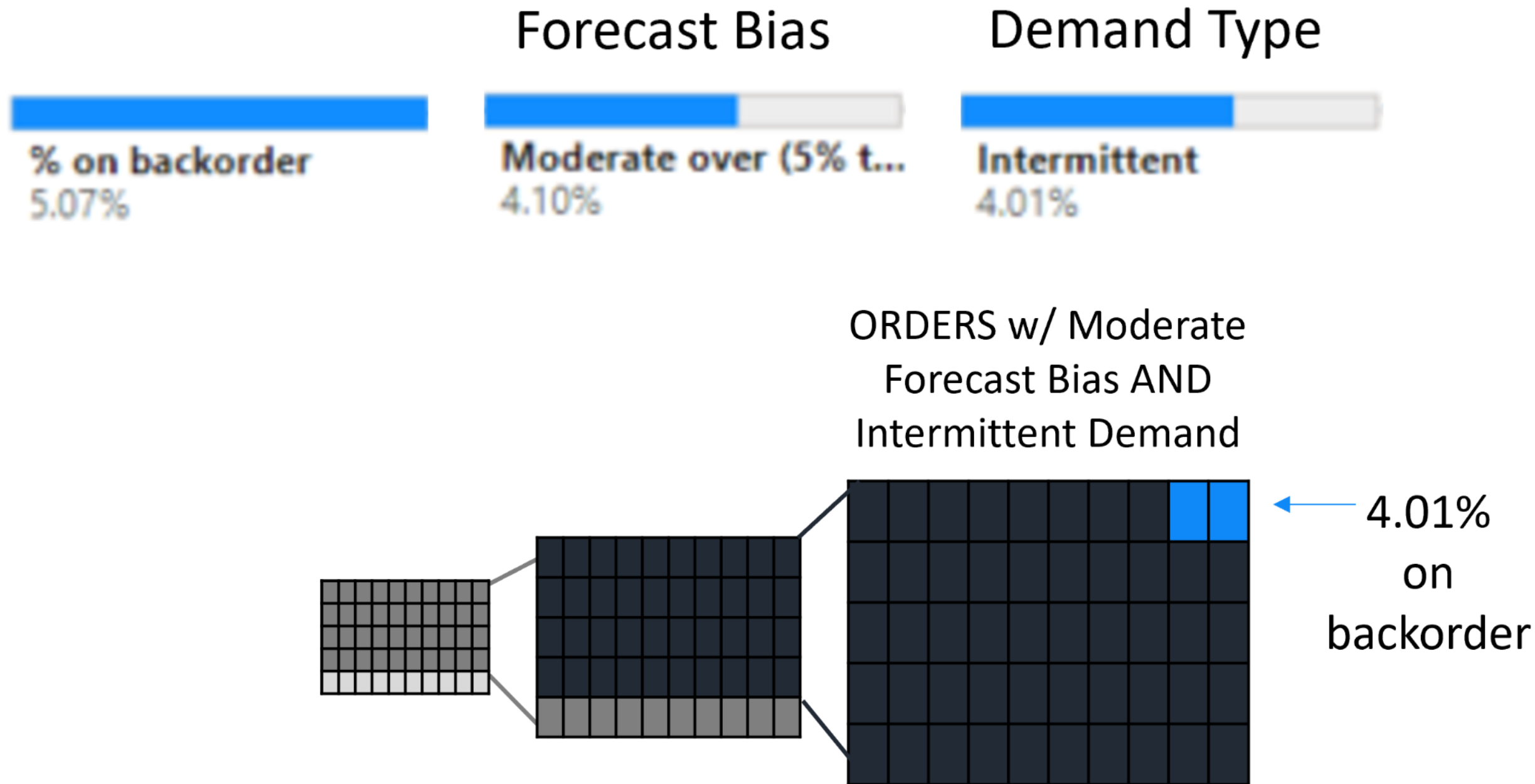
Moderate over (5% t...
4.10%

SUBSET OF ORDERS

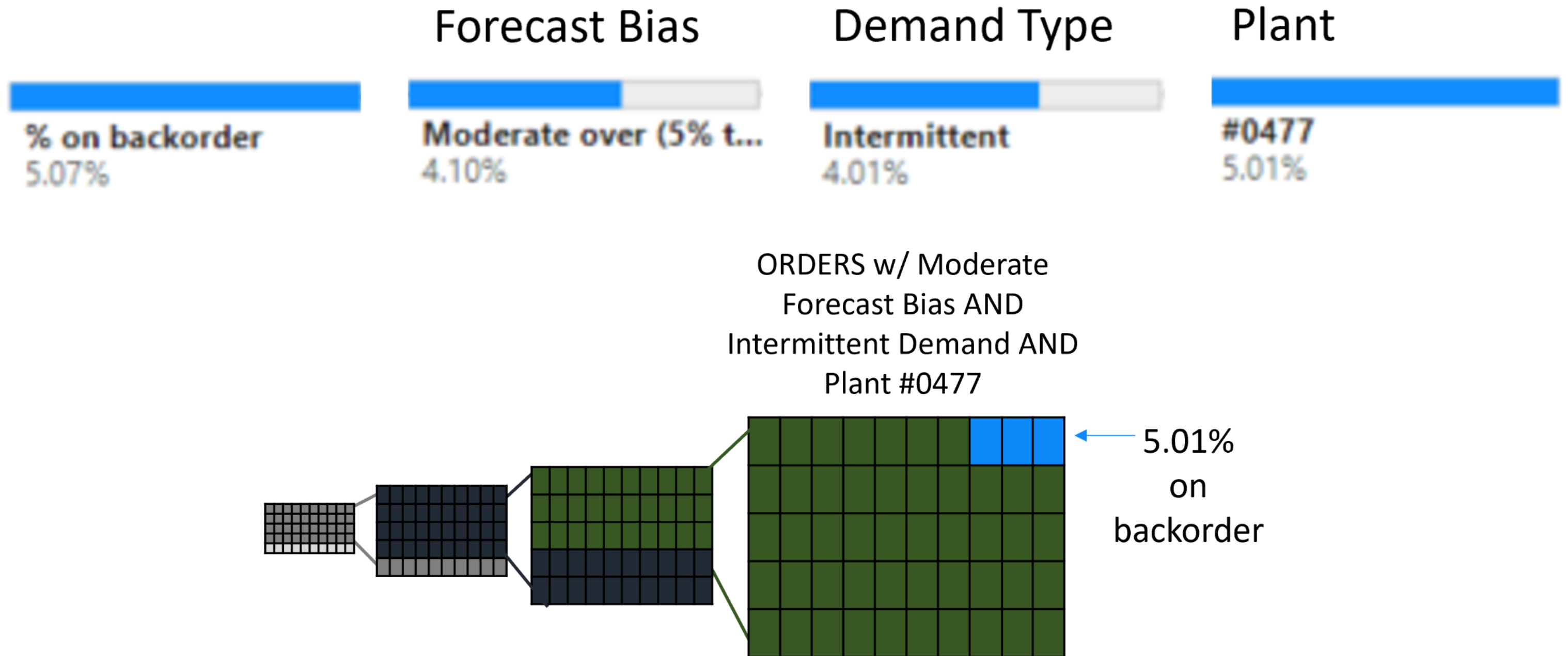


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on
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Reading a decomposition tree



Reading a decomposition tree



Let's practice!
TREND ANALYSIS IN POWER BI

Using decomposition trees in Power BI

TREND ANALYSIS IN POWER BI



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