

Introduction to decomposition trees

TREND ANALYSIS IN POWER BI



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What is a decomposition tree?

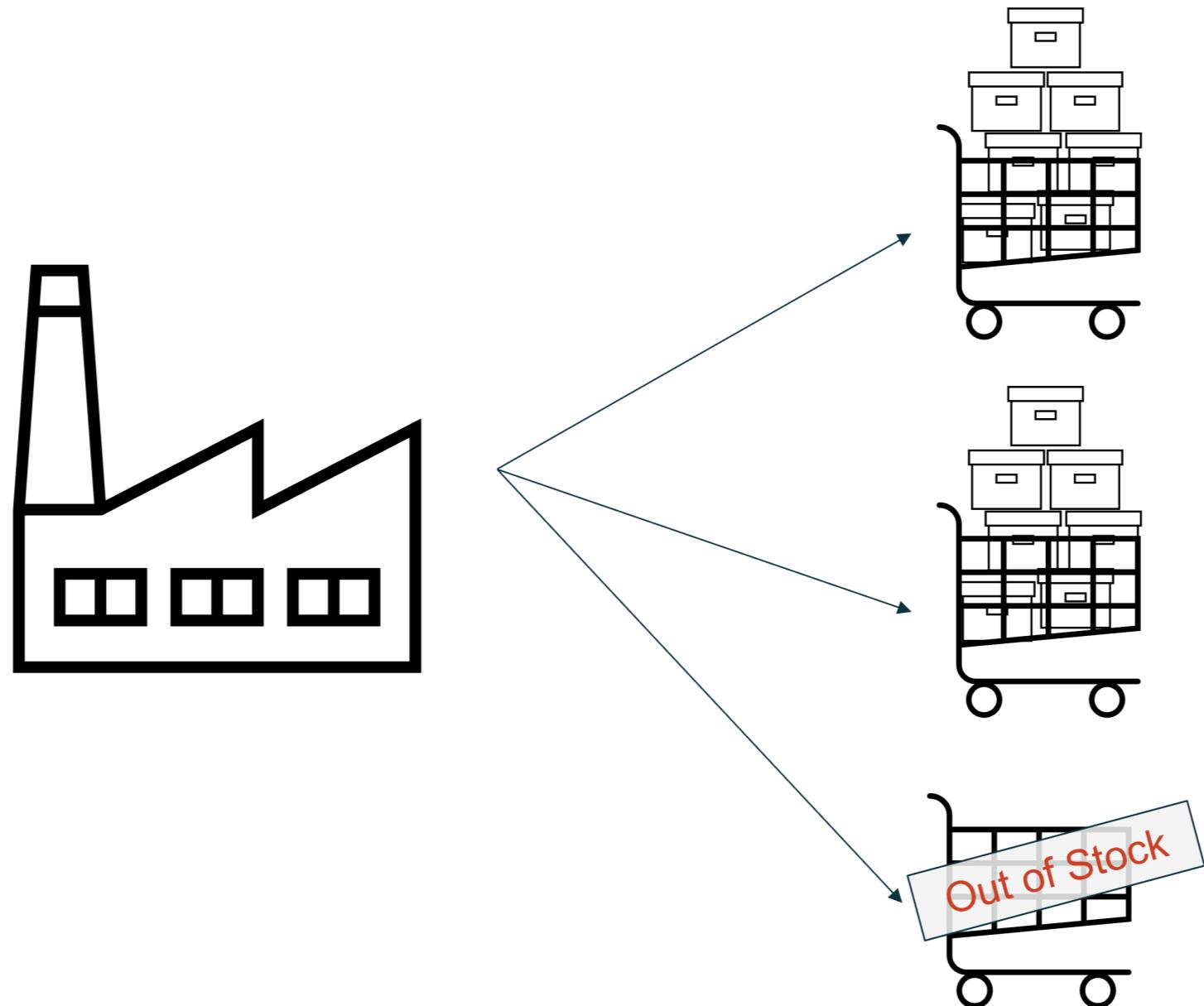
Definition:

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

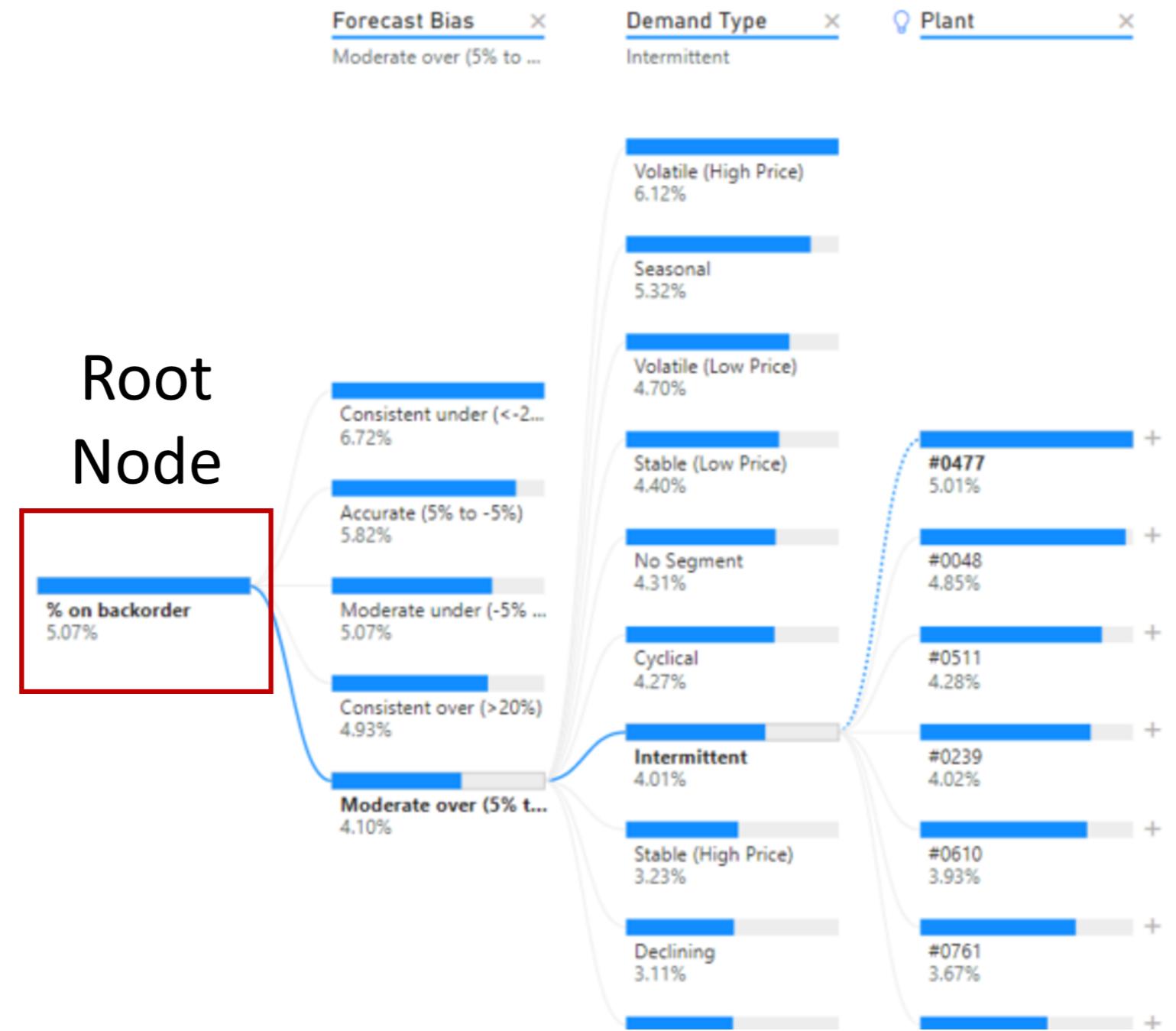
Structure of a decomposition tree



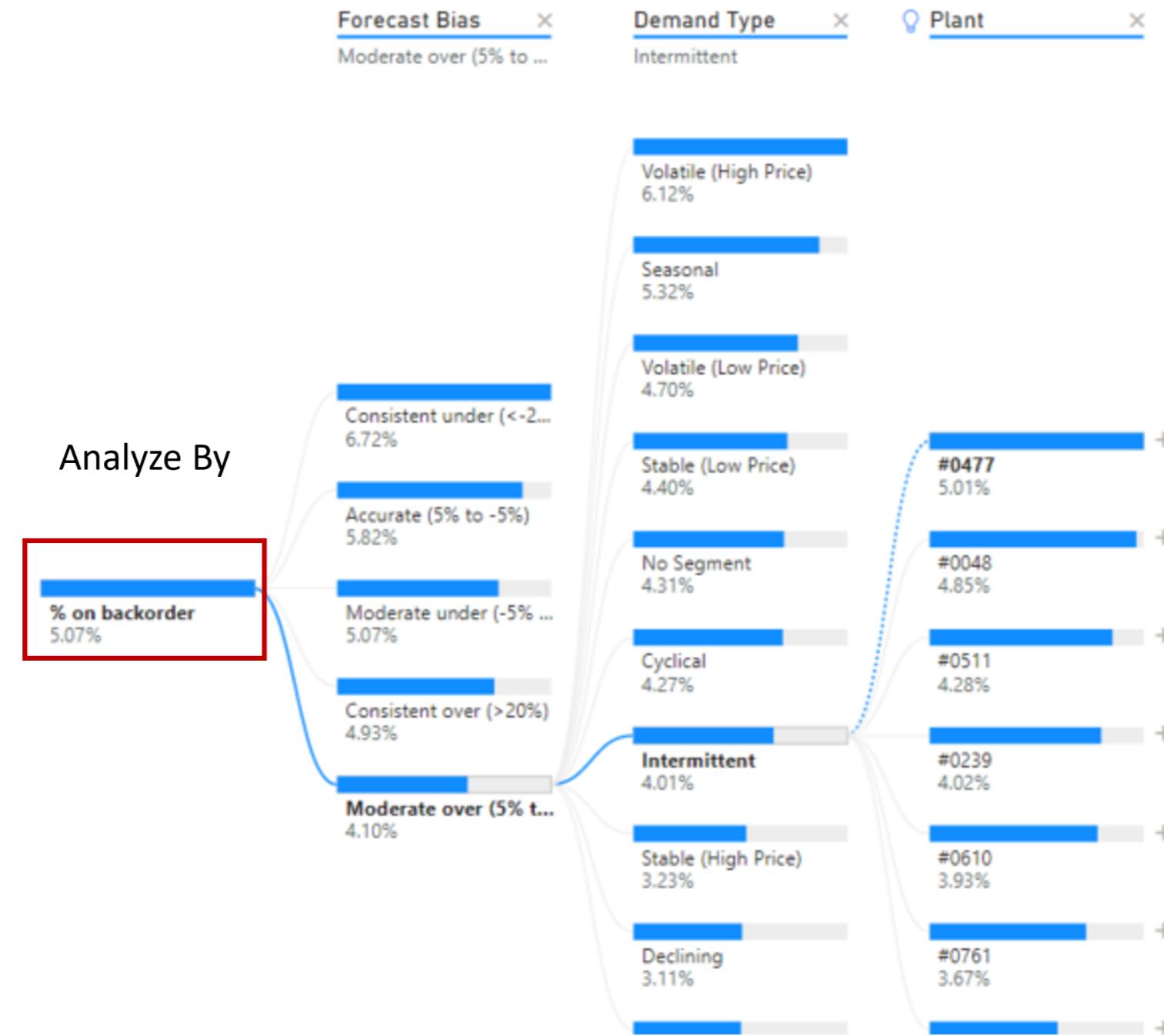
Structure of a decomposition tree



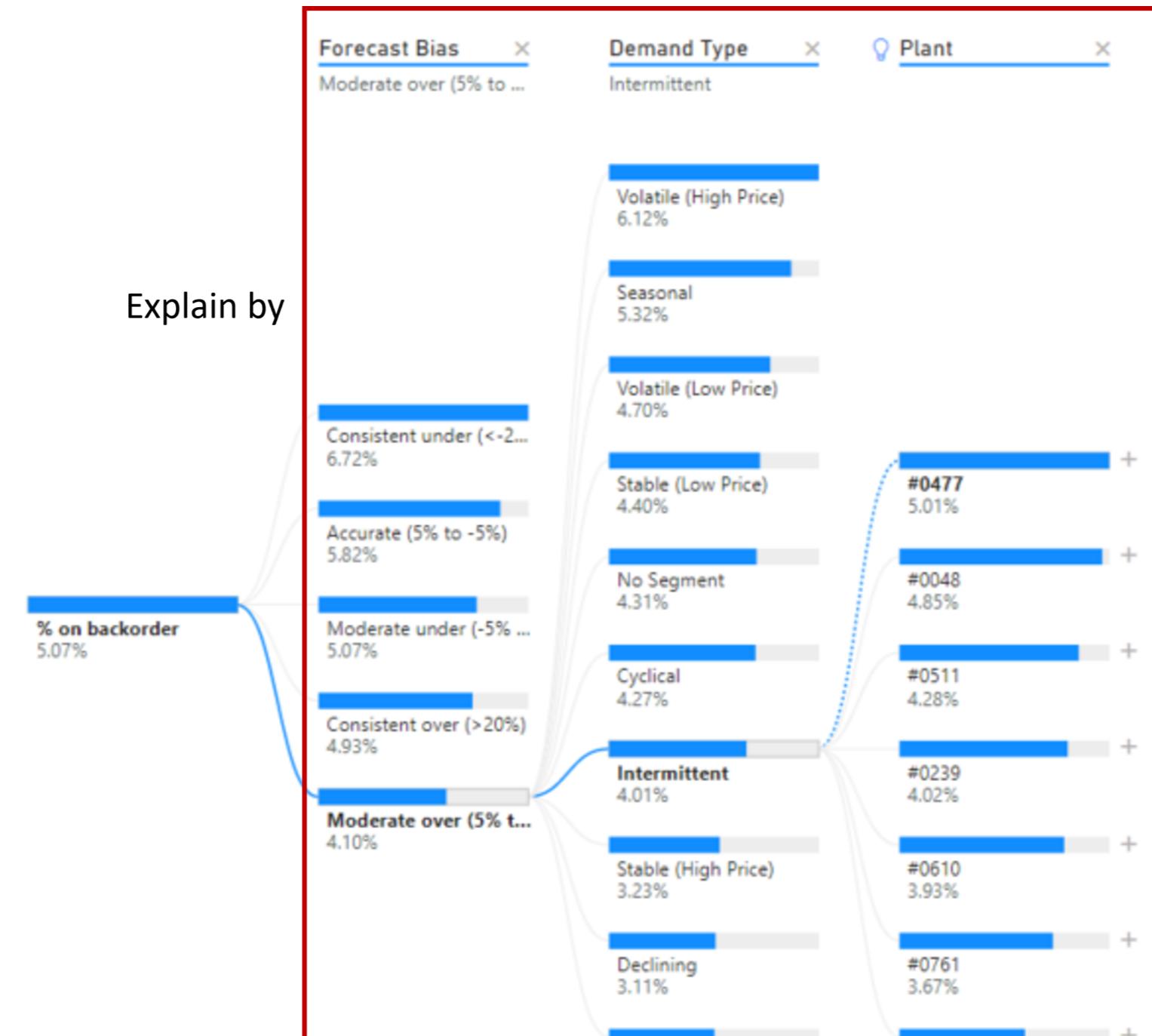
Structure of a decomposition tree



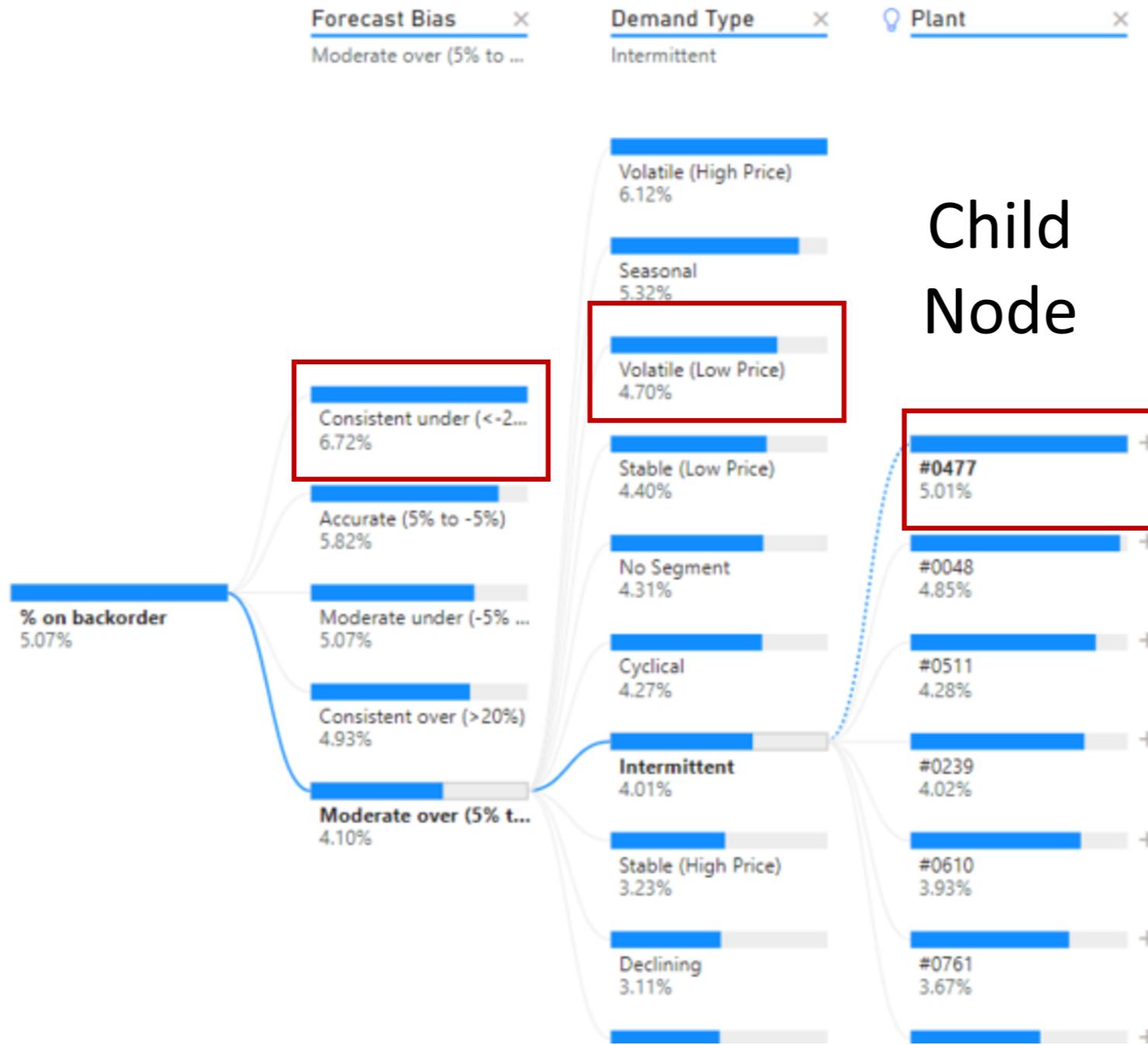
Structure of a decomposition tree



Structure of a decomposition tree

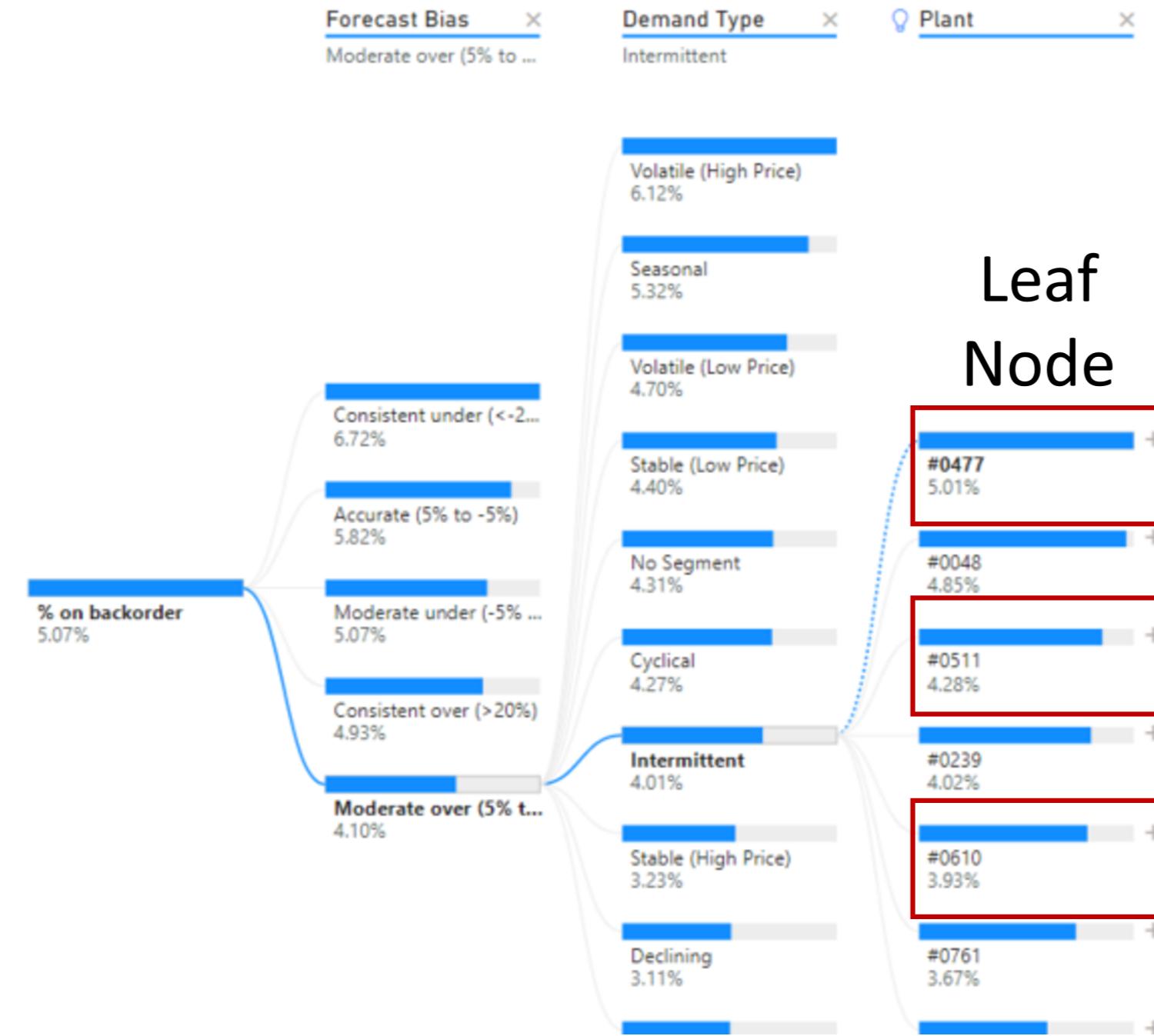


Structure of a decomposition tree



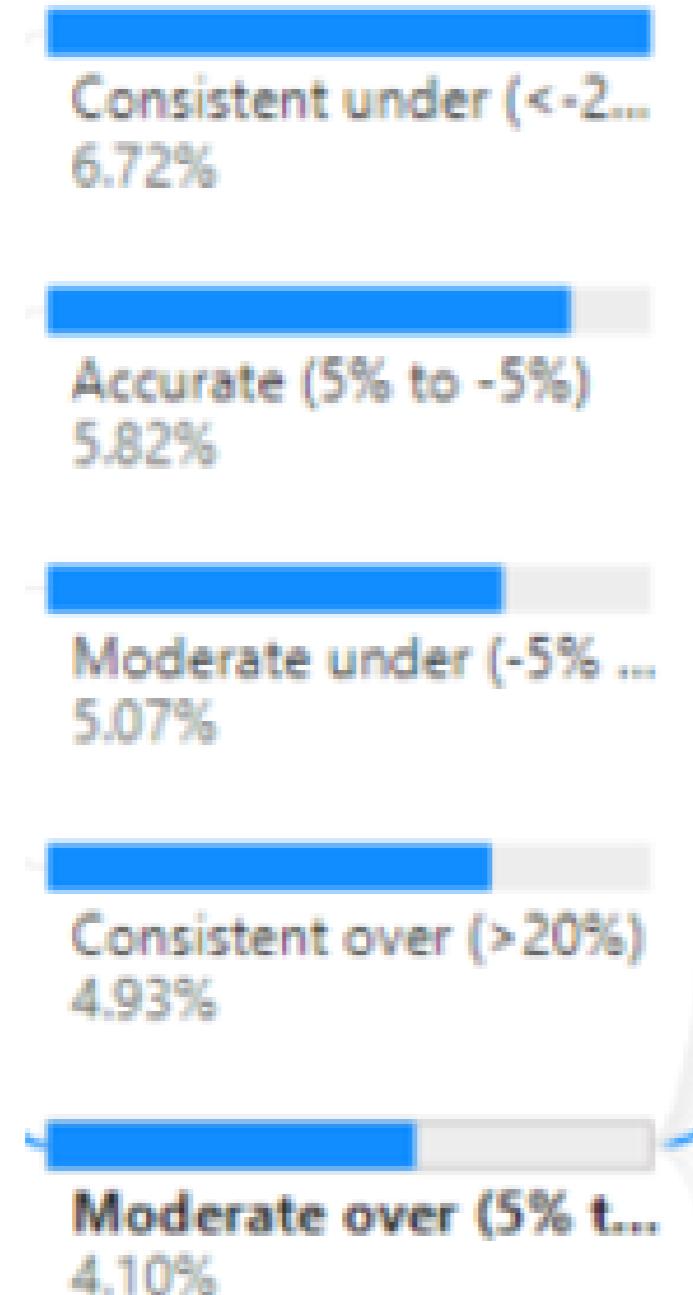
Child
Node

Structure of a decomposition tree

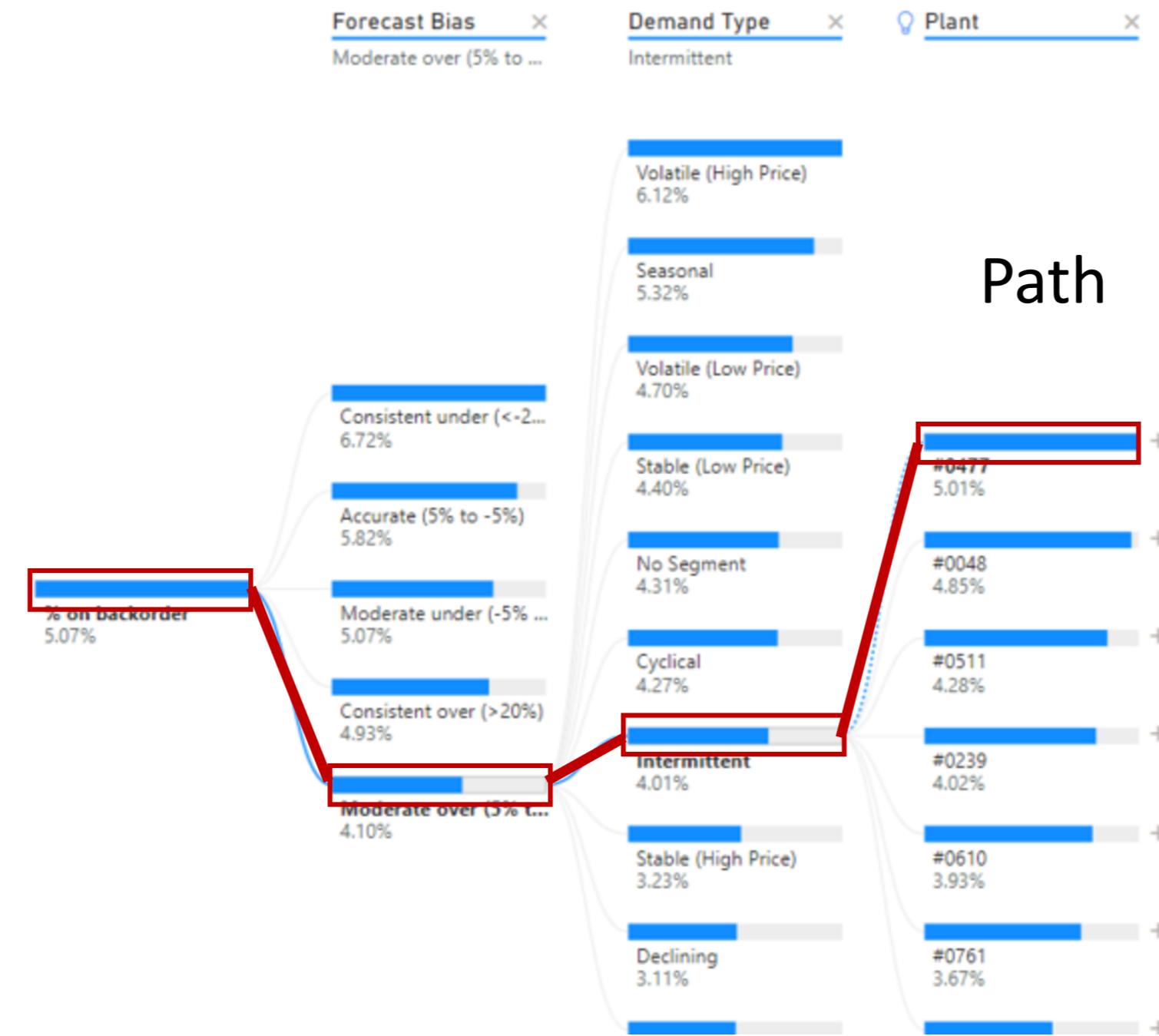


Leaf
Node

Structure of a decomposition tree

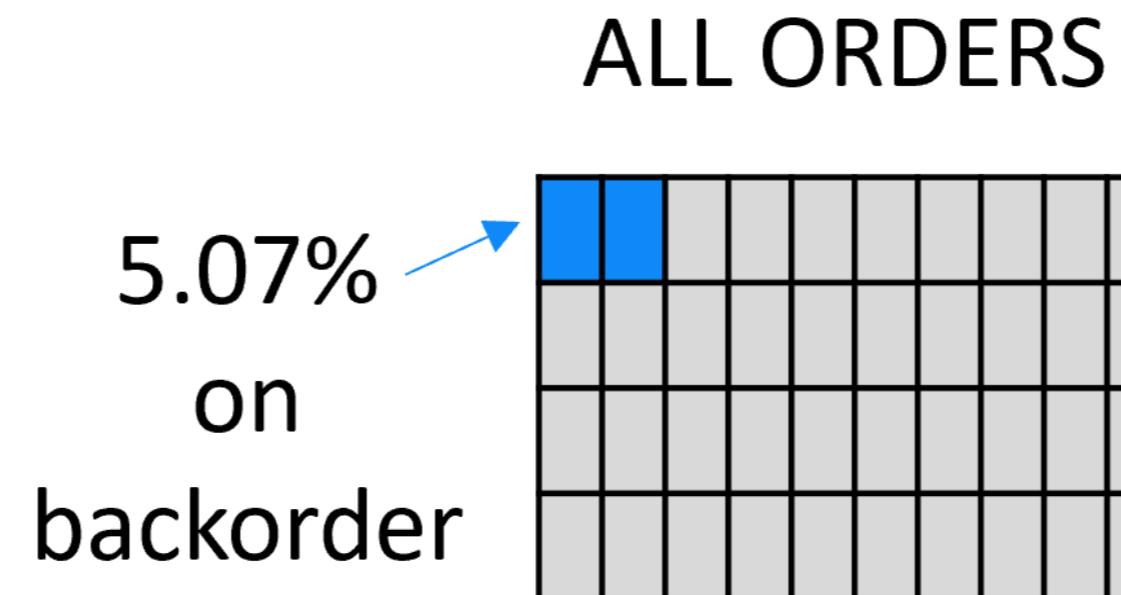


Structure of a decomposition tree



Reading a decomposition tree

% on backorder
5.07%



Reading a decomposition tree

Forecast Bias

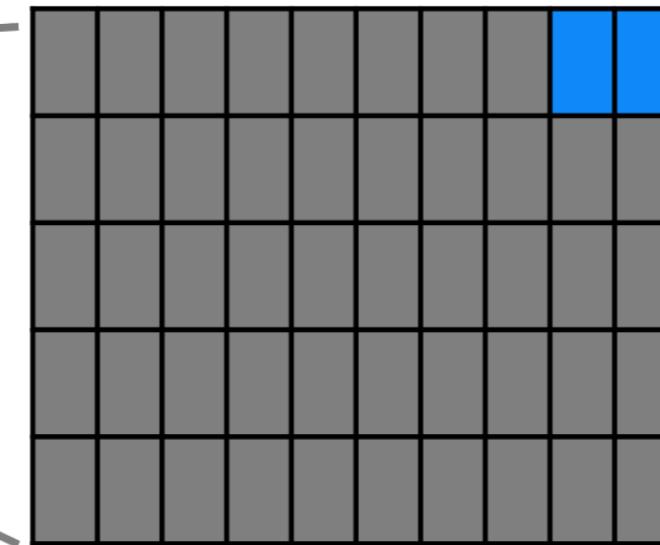
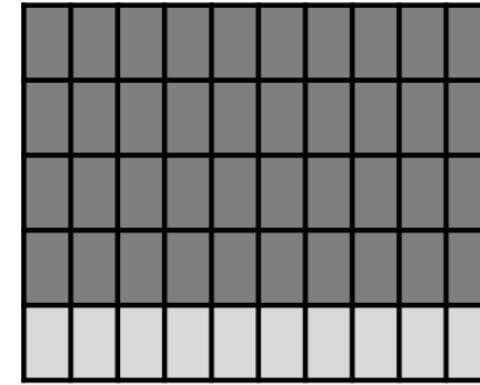


5.07%



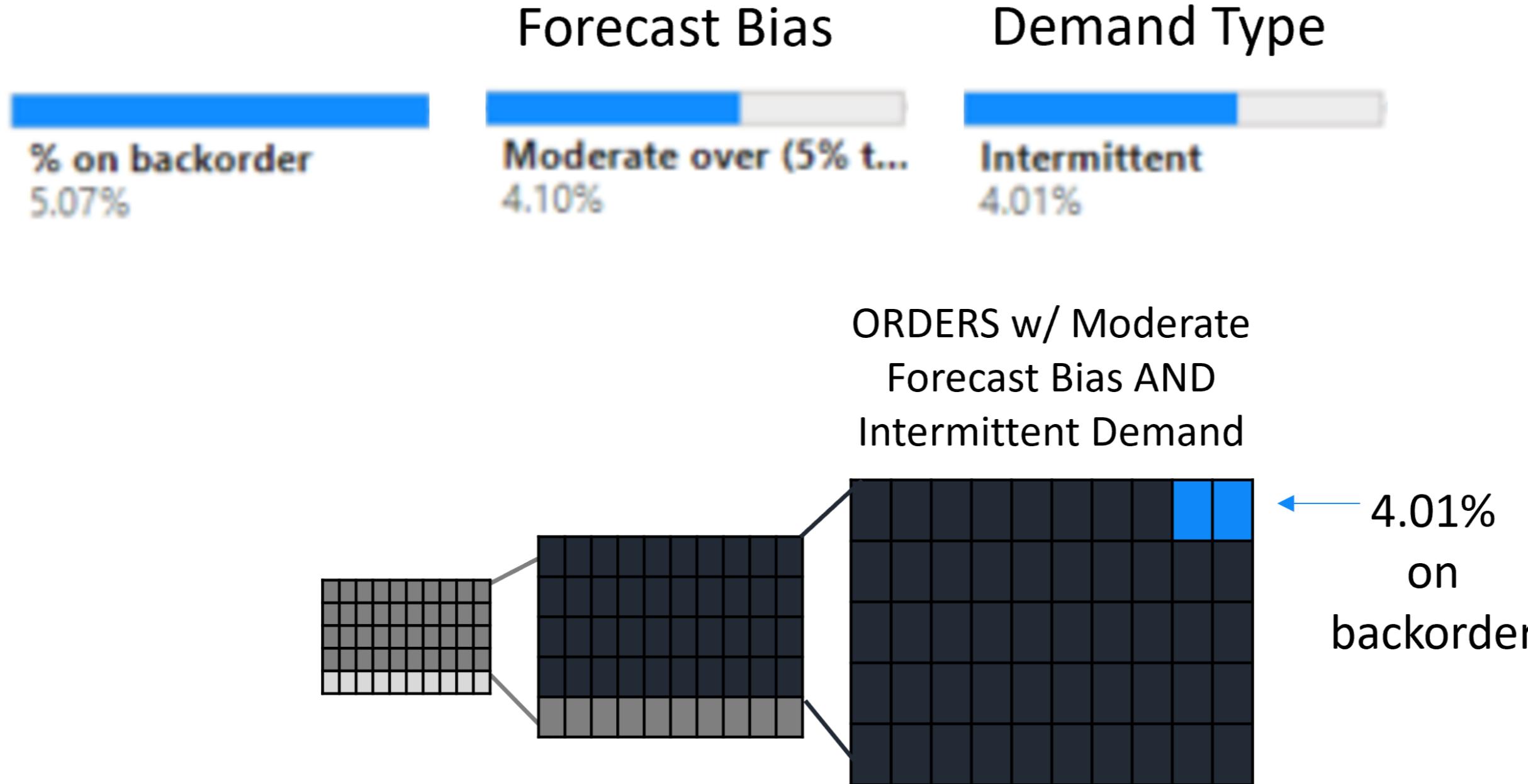
4.10%

SUBSET OF ORDERS

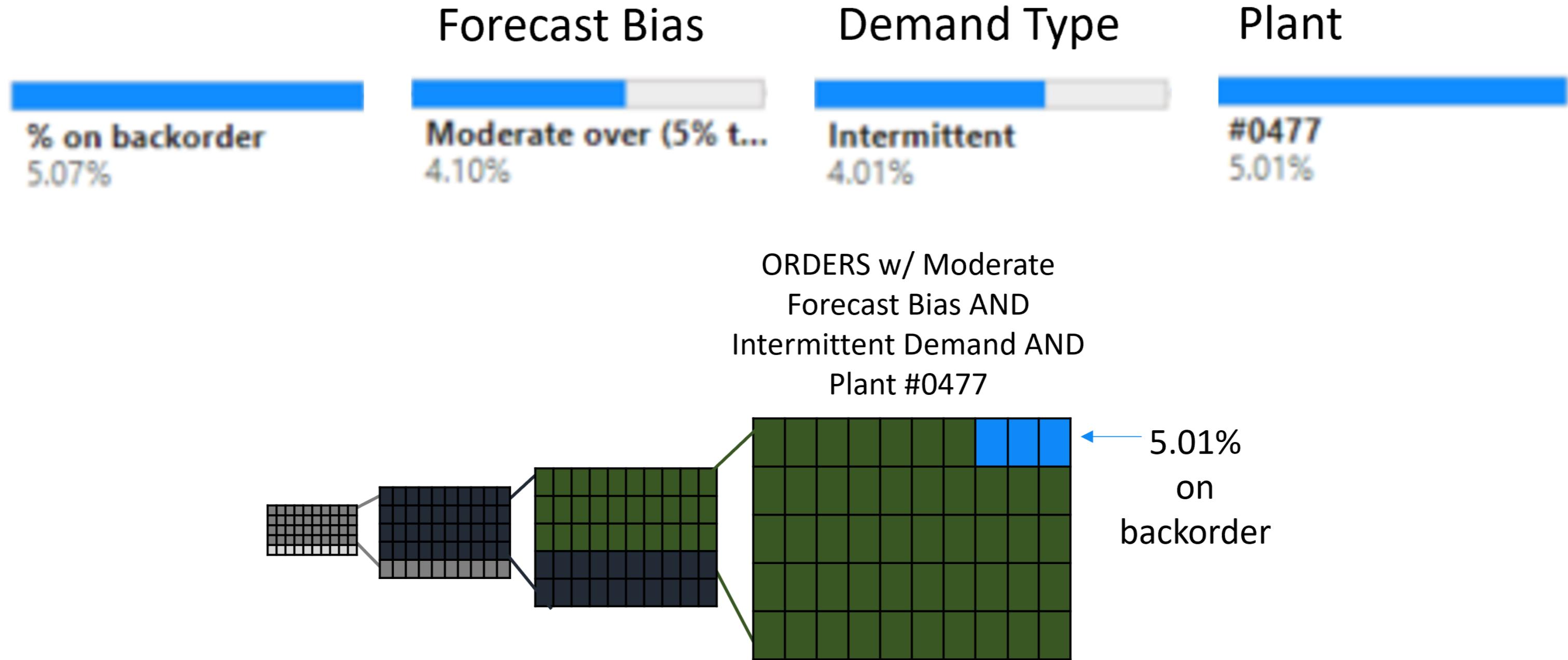


4.10%
on
backorder

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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