

Advanced Data Modelling with DAX

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About Me

Who has 2 thumbs, and a catalogue of bad jokes?







Microsoft CERTIFIED

Solutions Expert

Data Management and Analytics

Microsoft
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SQL 2016 Business Intelligence Development

BI Reporting







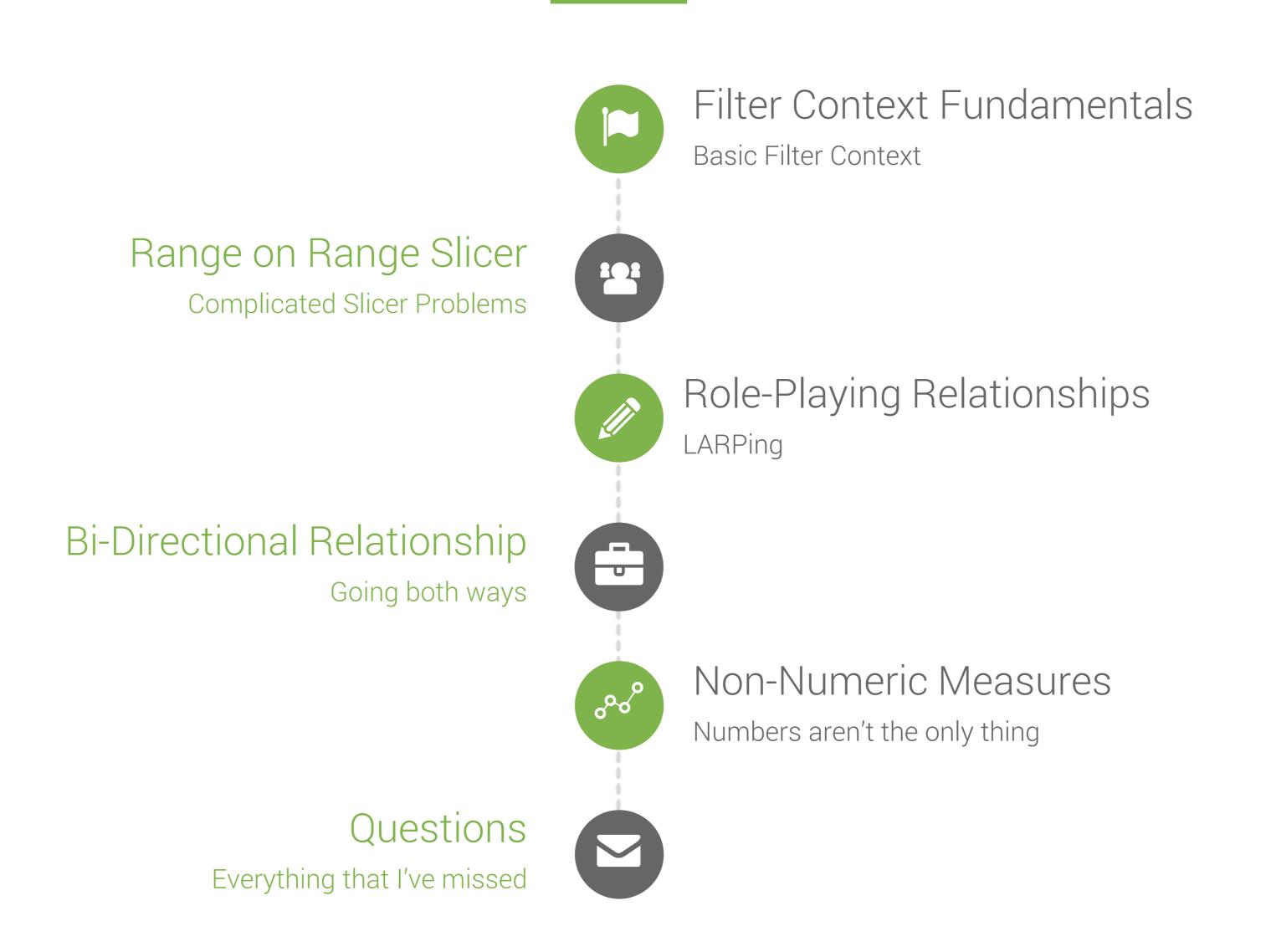








Our Agenda for Today





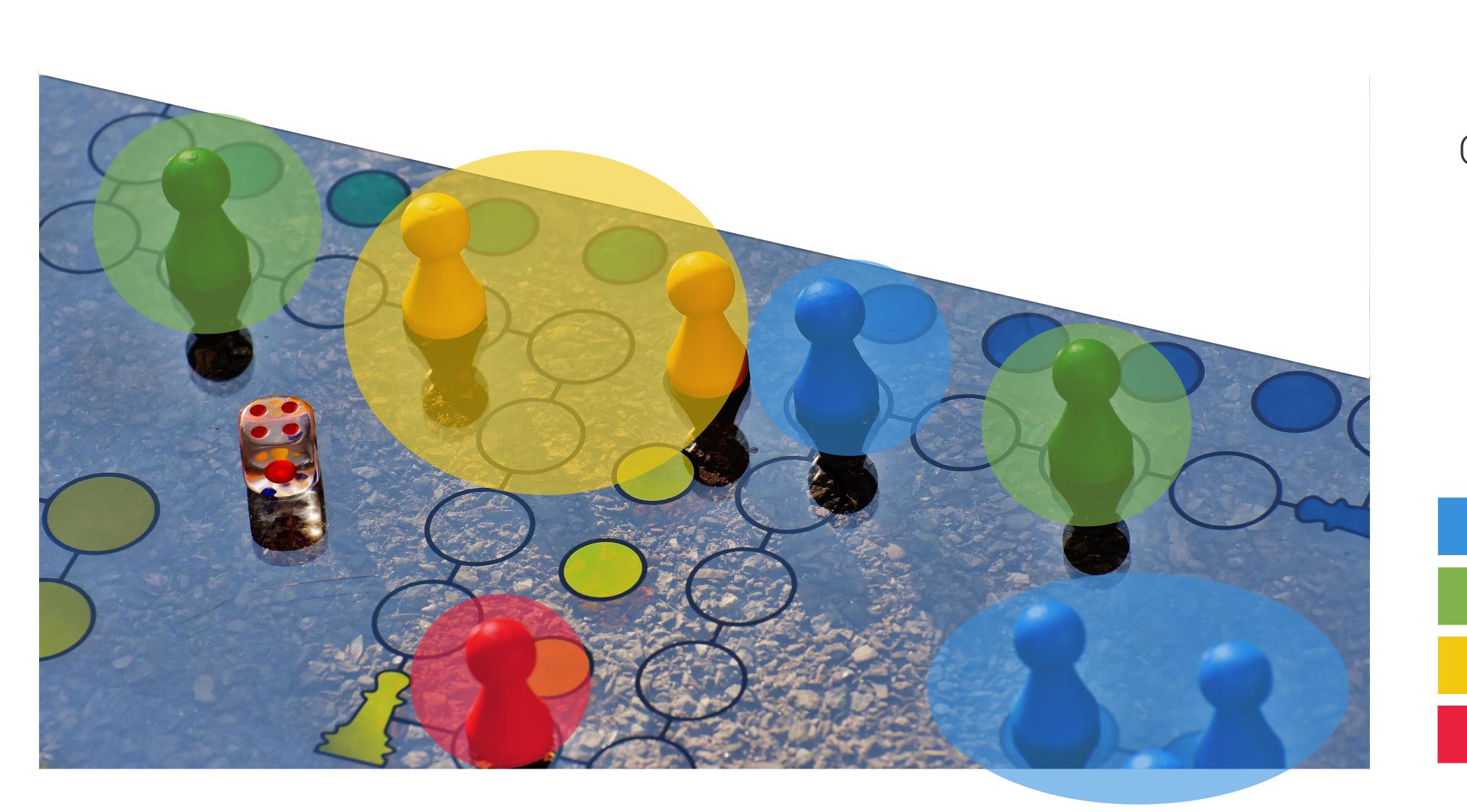
Filter Context Fundamentals

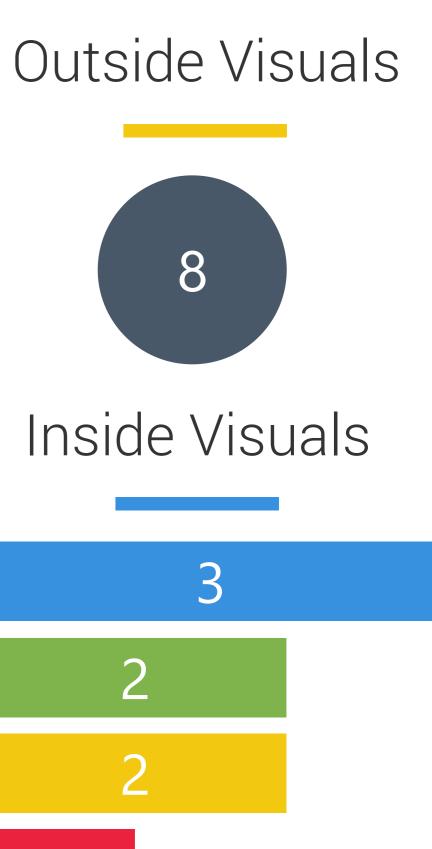
An overview



Filter Context

Recalculating....









On The Range

Dealing with from and to type values



Slicers for Ranged Values

How / Why / When



Key Concept

Data is stored as a range with a bottom and top, or start and end value.



When to Use It

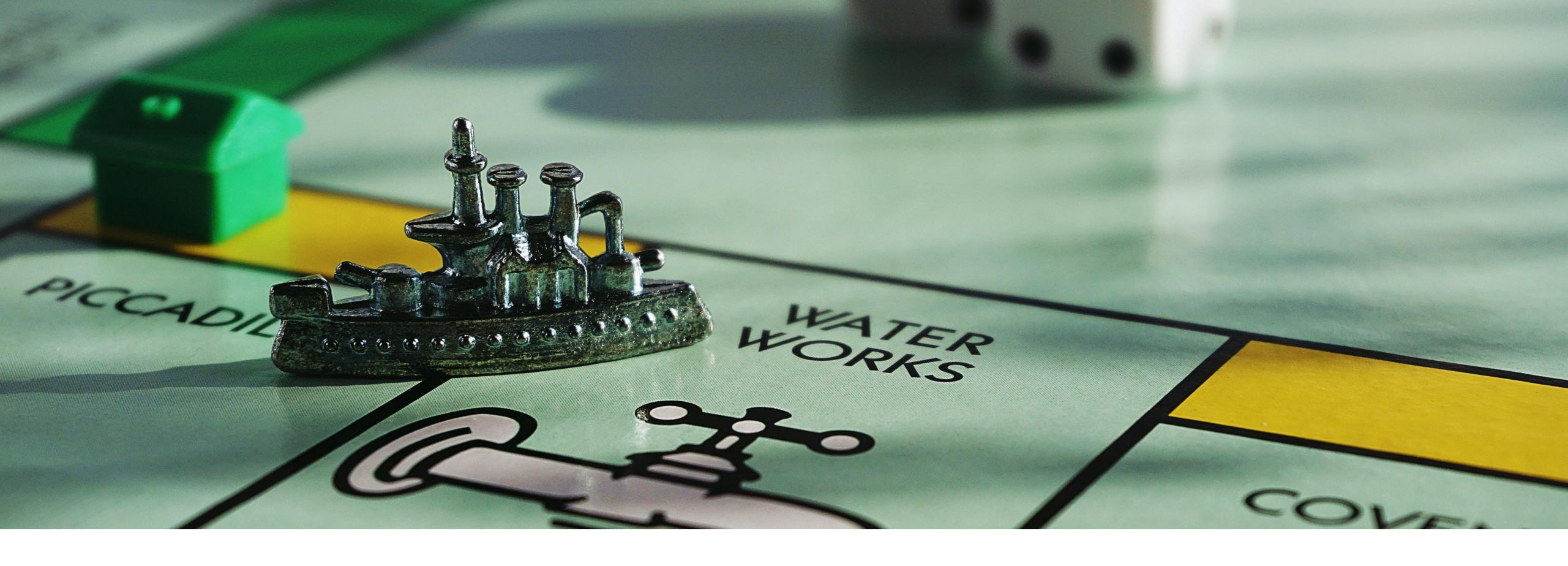
Employee Start and End Date Minimum and Maximum Values



How to Use It

CUSTOM FILTER





Role Playing

More than just order and ship date



Role Playing Dimensions

How / Why / When



Key Concept

Changing filter context by using multiple relationships to a single column



When to Use It

Role playing dimensions Comparison



How to Use It

USERELATIONSHIP





Bi-Directional Relationships

Goes both ways



Bi-Directional Relationships

How / Why / When



Key Concept

Being able to drill from Fact to Dimension, not vice versa



When to Use It

When you need to apply filters against the direction of the relationship



How to Use It

CROSSFILTER





Non-Numeric Measures

Who needs numbers?



Interesting Data Types

How / Why / When



Key Concept

Sometimes numbers are not enough



When to Use It

When you need to apply filters against the direction of the relationship



How to Use It

STRING MANIPLUATION

ISBLANK

IF

CONCATENATEX











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