

Hello.

Irish Planning Permission Demo

Agenda

- A solution, at a glance
- Get Data
- Model Data
- Visualise data
- Collaborate
- Common challenges



Ben Watt. At your service!

datalineo



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@benrebooted



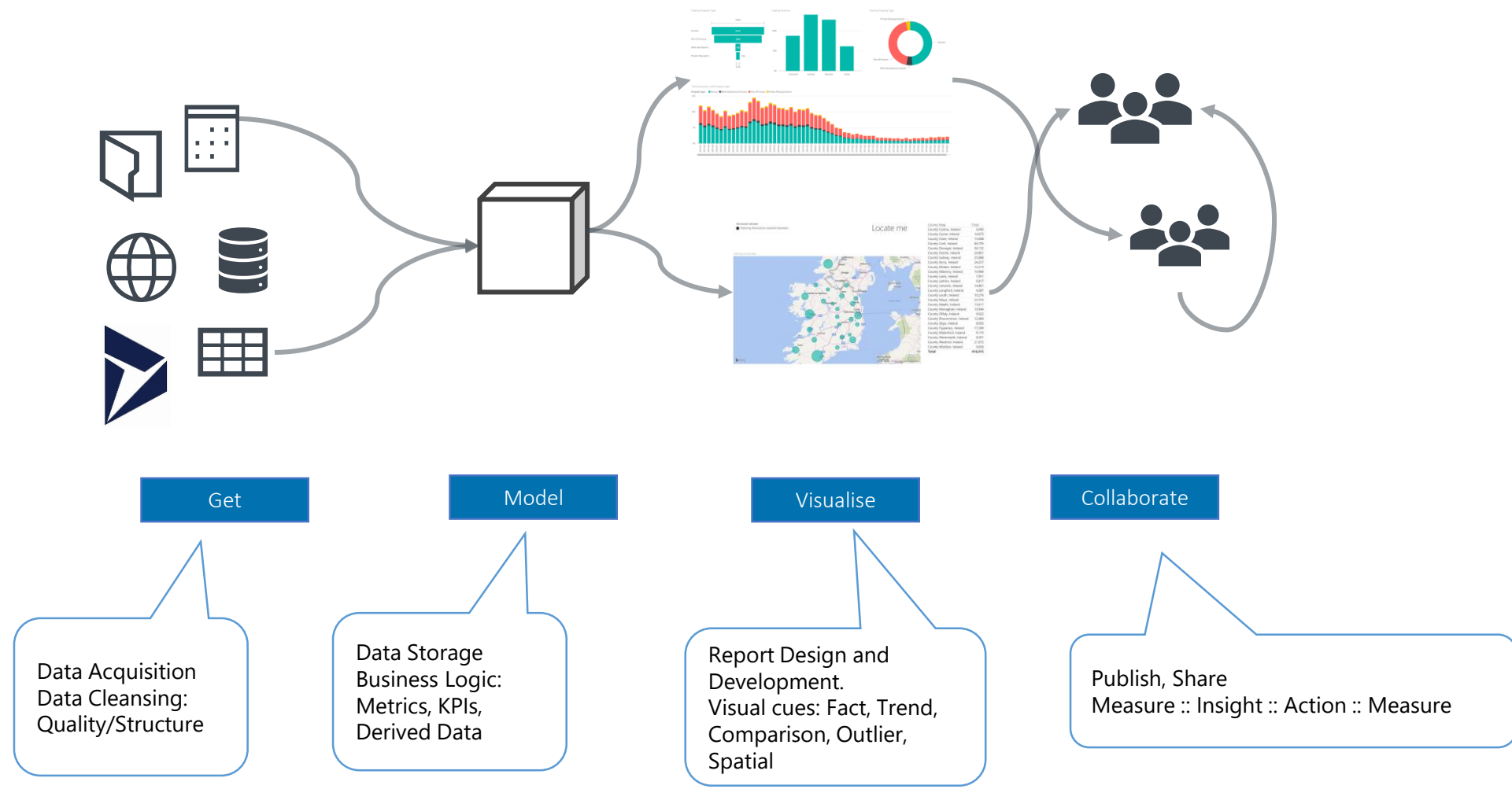
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What I do:

- Managing Director at Datalineo
- Microsoft MVP Data Platform
- Power BI: SQL/Azure/Power Platform
- Dublin PUG leader
- Event Co-Ordinator



A solution at a glance



Model Data. Make it clever

Relationships

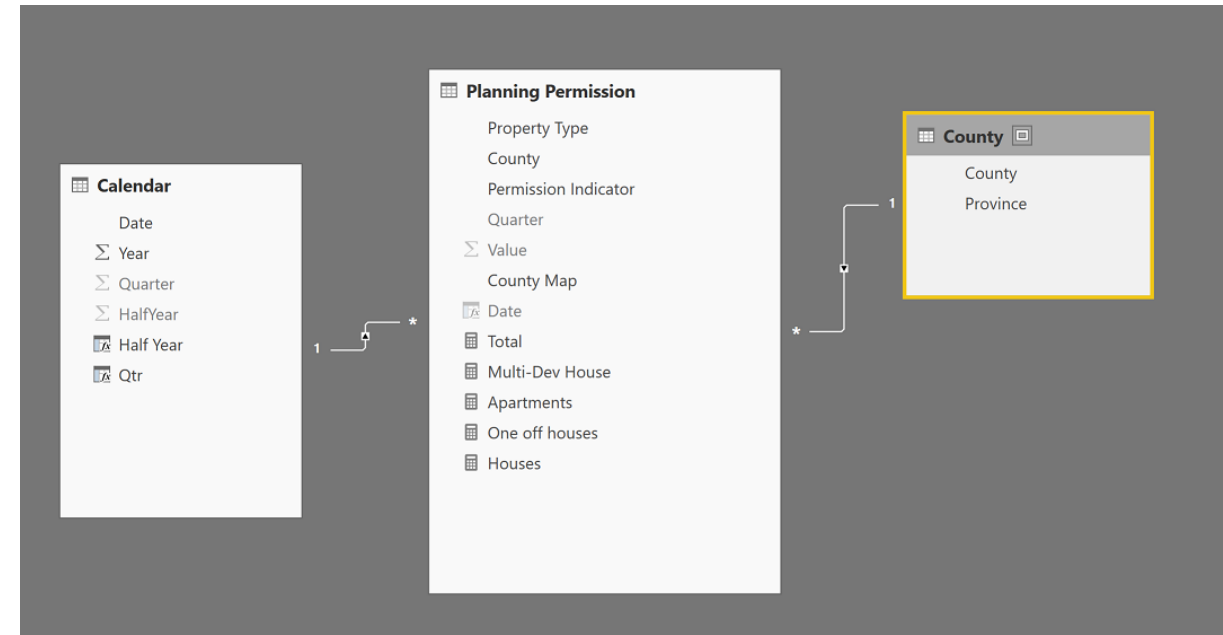
Business Intelligence (DAX)

Calculated Columns

- Derived Data
- Dynamic Calculations

Calculated Measures

- Aggregations: SUM, AVERAGE, MIN/MAX
- Time Intelligence



Tip!
Suggested free 2-3
hour online course
for Data Modelling:
[SQLBI.com](https://www.sqlbi.com)

Visualise Data. Finally the interesting part!

Design

- If your modelling is correct, you enable more analysis

Best Practice

- Think of the customer
- Think of actions
- Trends, outliers, comparisons, facts
- Context

User Experience

- Reports/Dashboards
- Analysis/Exploration

Collaborate. Business Impact.

Deployment of your Work

- Workspaces, sharing, scheduling

Business Process

Measure

- Define Business Impactful metrics
- Crucial metrics take precedence, alert-driven

Insight

- Drilldown, exploration
- Find root cause

Action

- Business reaction to course correct

Measure

- Ensure measure impact of actions
- Short term monitoring



Some Challenges

Get Data

- Power Query language

Model Data

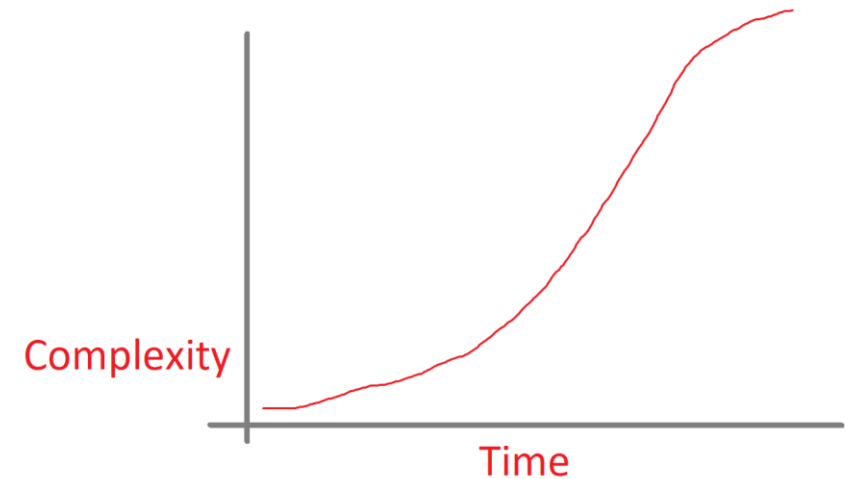
- Relationships. Learning Data Modelling
- DAX formulas

Visualise Data

- Data Viz consistency & best practice
- Insight, it's sometimes hide & seek

Insight & Collaborate

- It's the person not the role
- Be careful of the Wild West: Governance



Aaaaaaand... DONE!



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Info	Link
Today's Demo: Slides/PBIX File/Data	Ben's Github
Central Statistics Office	Source Data
FREE Data Modeling Course	SQLBI.com