

Power BI Overview

What is Power BI and what are all the moving pieces?

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16

Business Intelligence

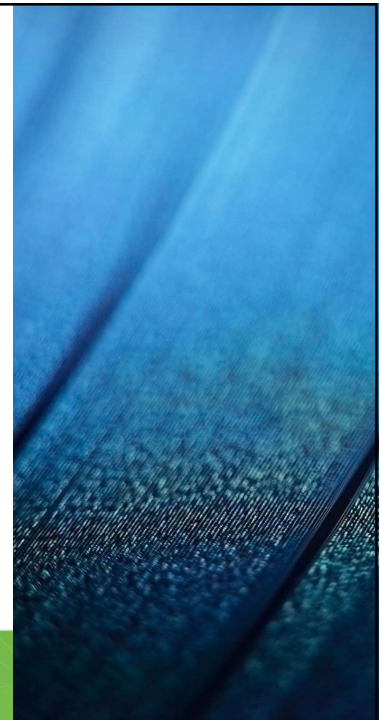
Aim of BI

To use the data you're already collecting to make better decisions about your business.

Examples:

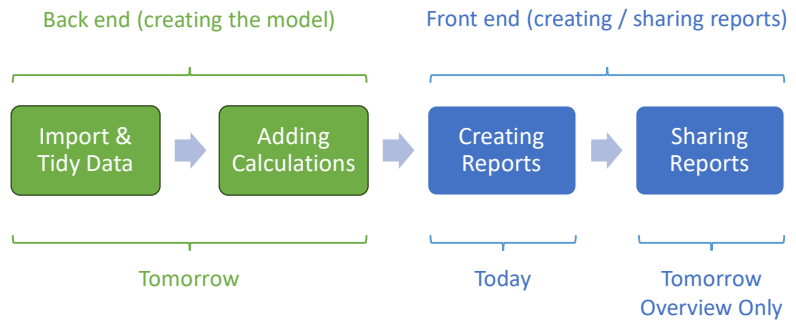
- ✓ How can the business attract new customers?
- ✓ How can the we improve the project efficiency?
- ✓ Who are the competitors and how do they compare?
- ✓ What is driving profitability?
- ✓ Where can expenses be lowered?

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17

Business Intelligence Process



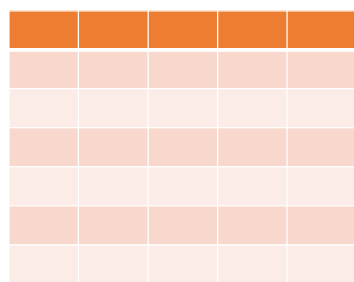
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18

How is your data stored?

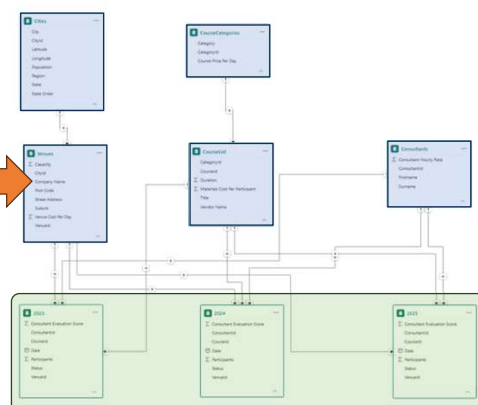
Data is stored in tables



Columns or Fields

Rows

Relational Database (multiple tables)



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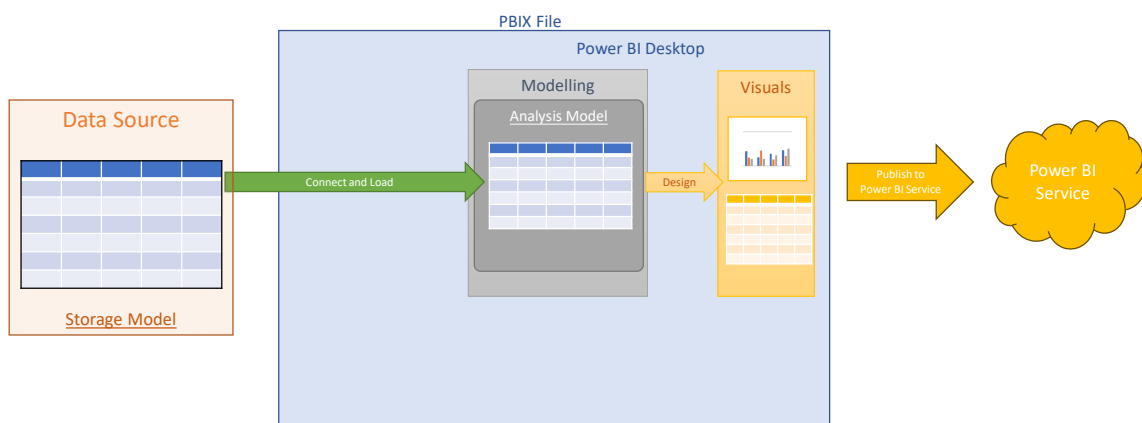


19

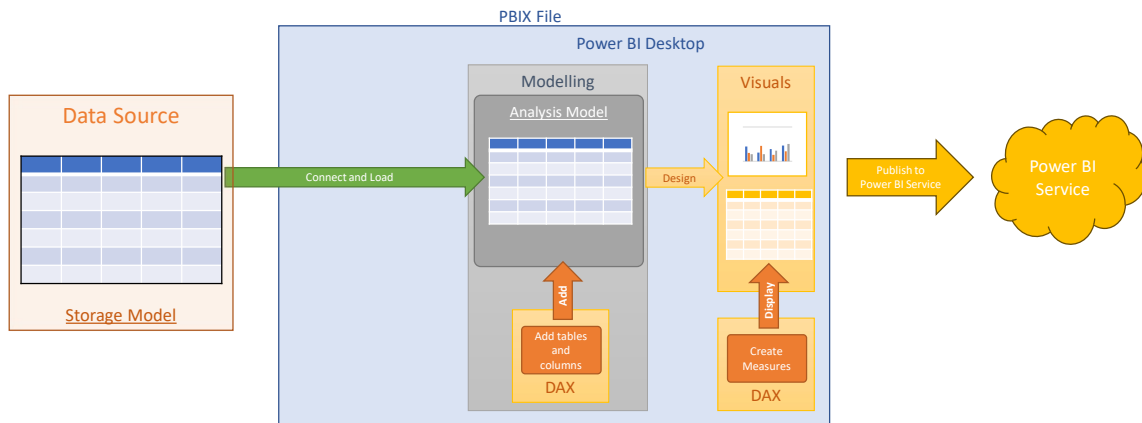
Power BI Process

General processes from data connecting to report publishing

Basic Power BI Process



Add calculations

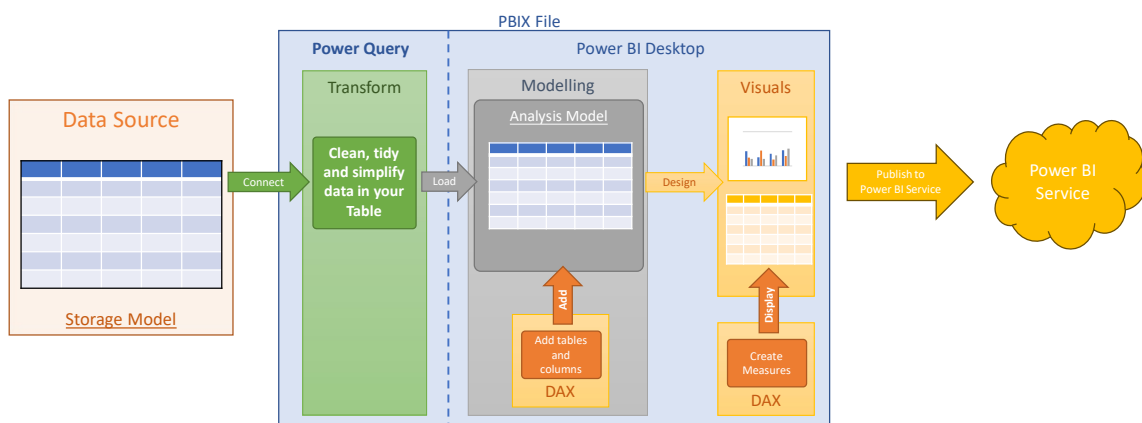


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Clean, tidy & simplify data in your table



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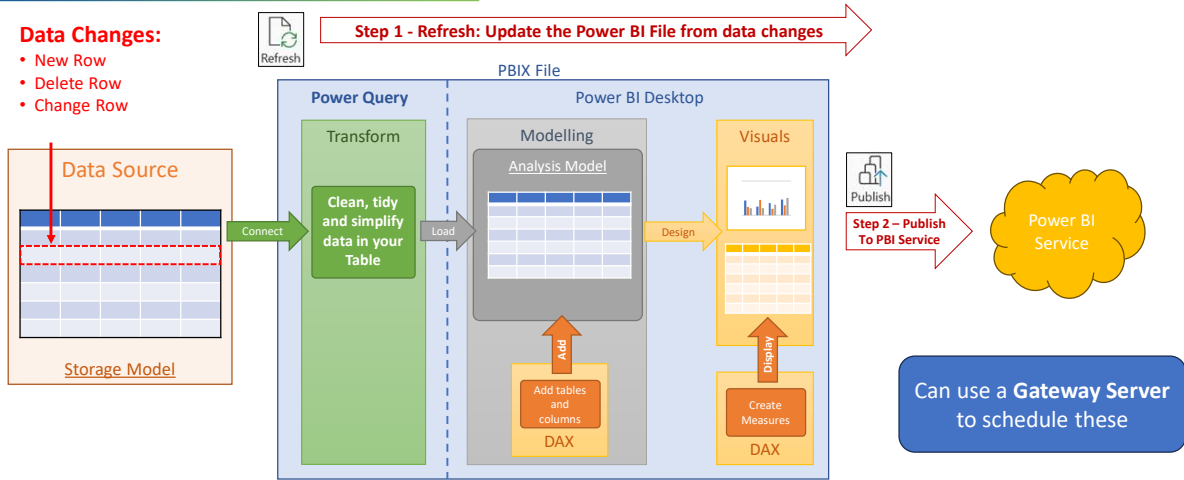
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What happens when Data changes?

Data Changes:

- New Row
- Delete Row
- Change Row

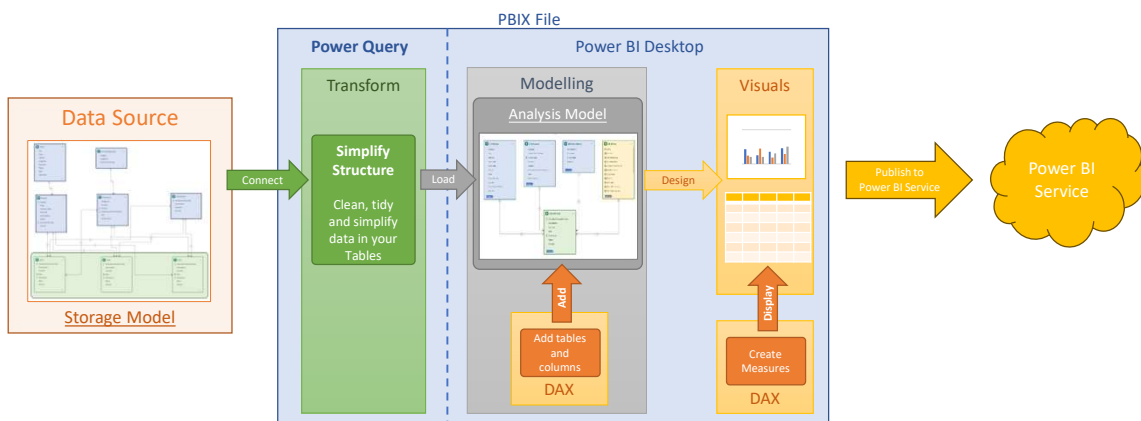


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Power BI Process: Multi-table data source

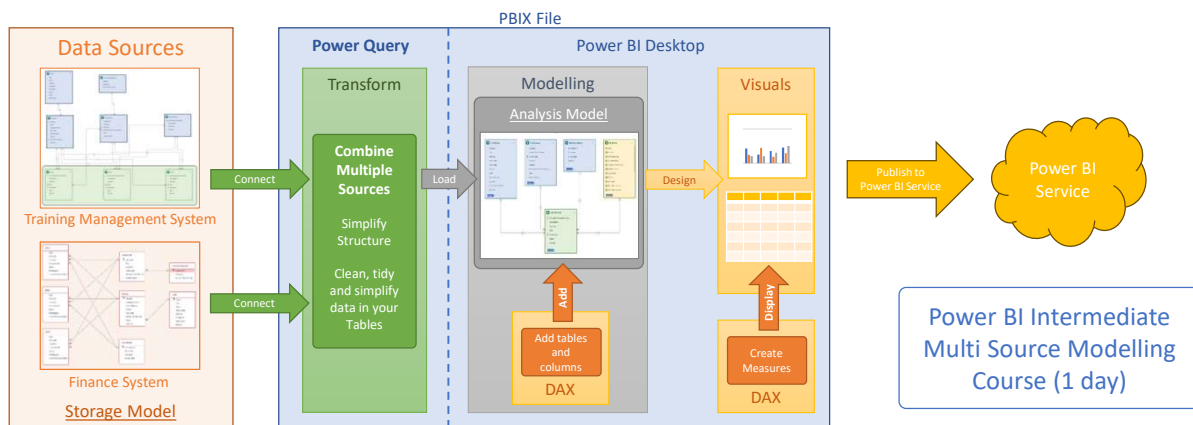


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Power BI Process: Multiple data sources



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26

ACME Training: Our Scenario

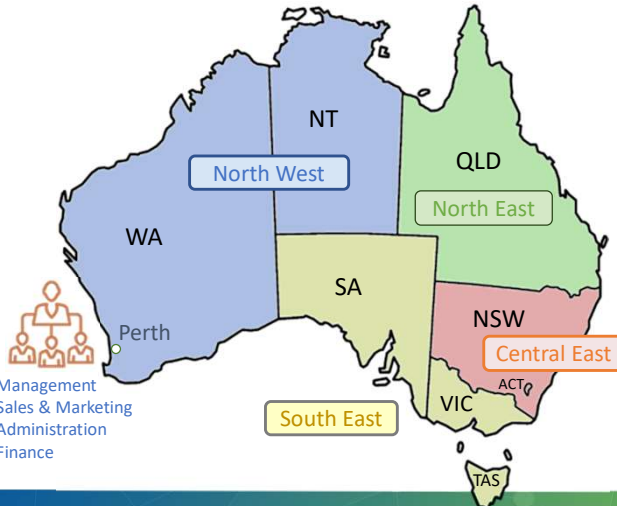
The scenario and data we use for our Power BI courses

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27

ACME Training



- ☐ Run Computer and Soft Skills courses
- ☐ Offer courses throughout entire country
- ☐ Don't have permanent classrooms or instructors
- ☐ When we have enough people for a course in Sydney:
 - ☐ Hire a room at a venue we regularly use
 - ☐ Hire a consultant to teach the course
 - ☐ Send materials to a printer in Sydney
 - ☐ Instructor runs the course at the venue
 - ☐ Administration and finance staff follow up
- ☐ Schedule Data for 2023 - 2025

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28

Report Design

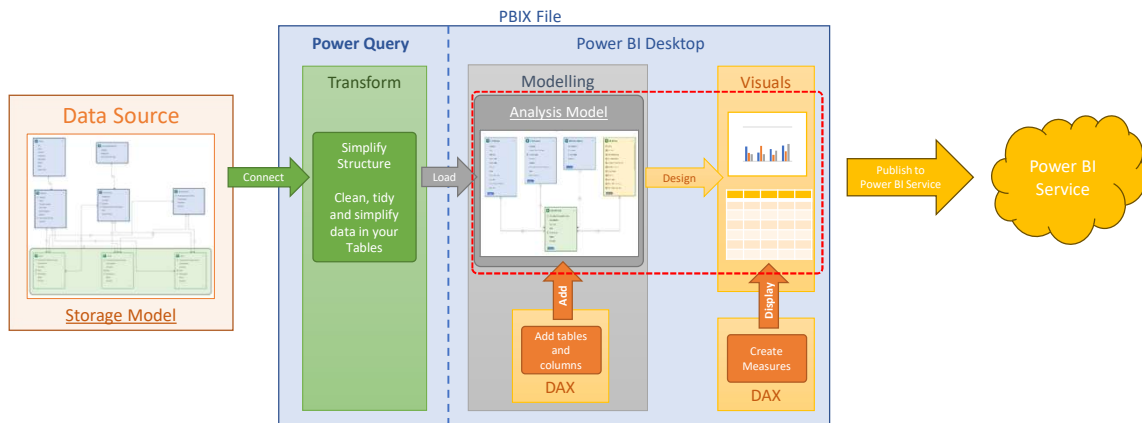
Creating Visual Pages from a Model

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29

Power BI – Report Design



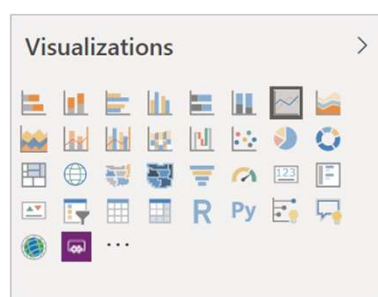
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Let's go and play ...



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The Power BI Service

For collaboration and sharing of reports

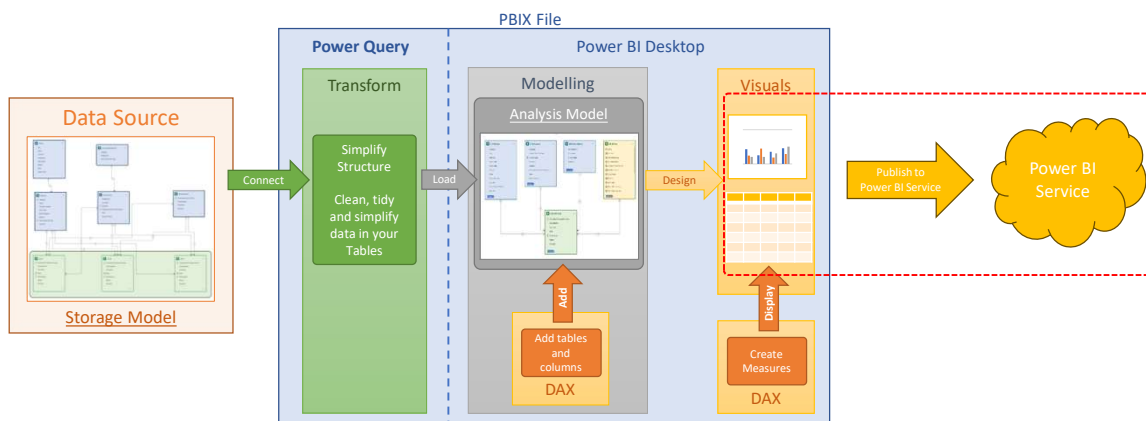
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Power BI – Publish Overview



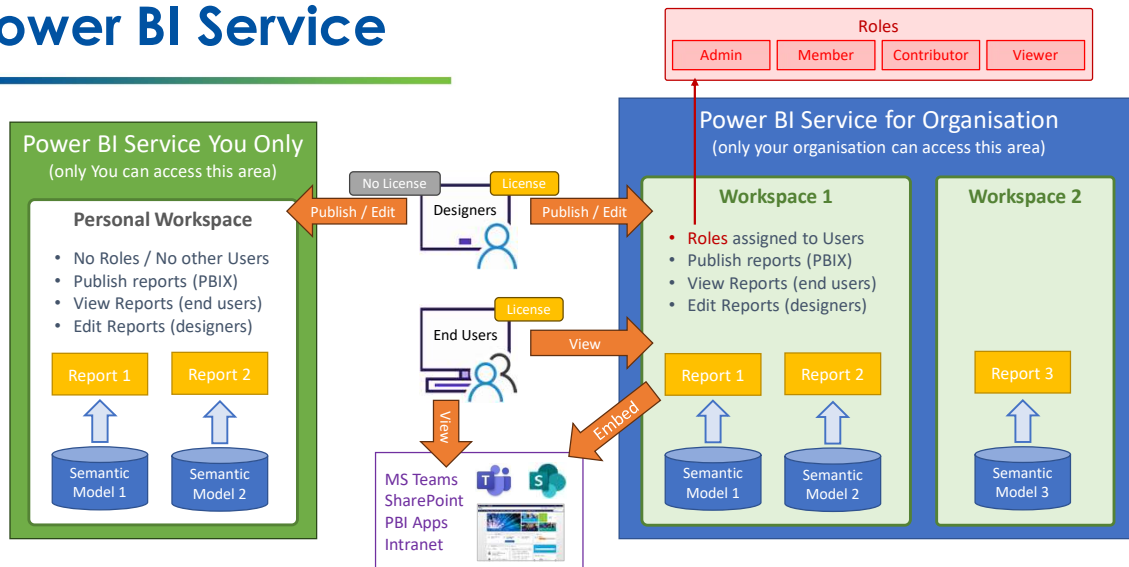
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Power BI Service



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34

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35