

HR Analytics in Power BI

CASE STUDY: HR ANALYTICS IN POWER BI



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What is a case study?

- Apply Power BI skills
- Combine previously learned concepts
- Solve an example real-world problem

Prerequisite courses:

- Intermediate DAX in Power BI
- Data Modelling in Power BI
- Data Visualization in Power BI



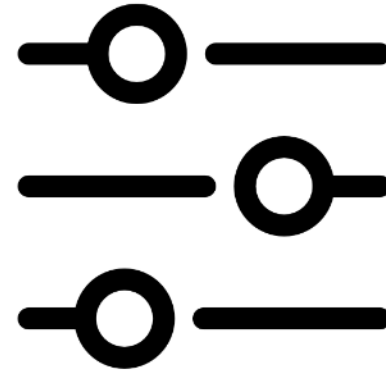
Report development in Power BI



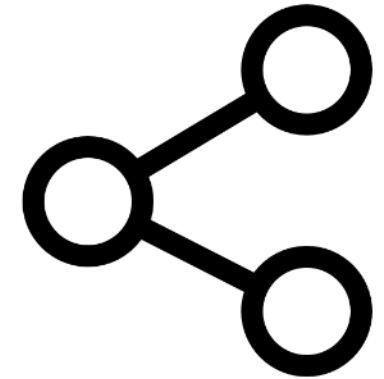
Building the data model
and analyzing data



Report Design



Preparing to share
your report



Sharing report with
stakeholders

¹ Note: This process applies specifically to developing a report, not to analyzing a dataset.

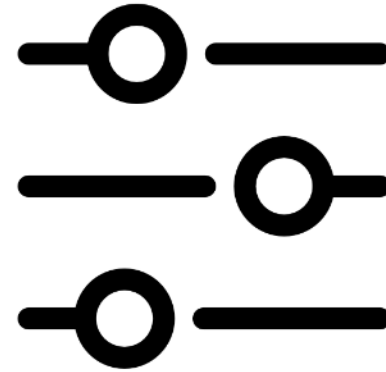
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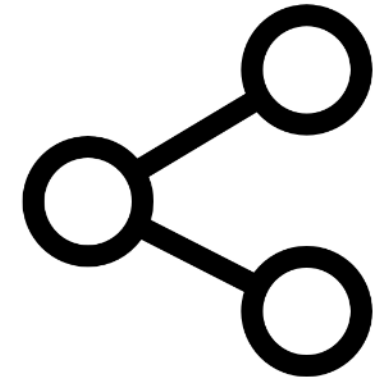
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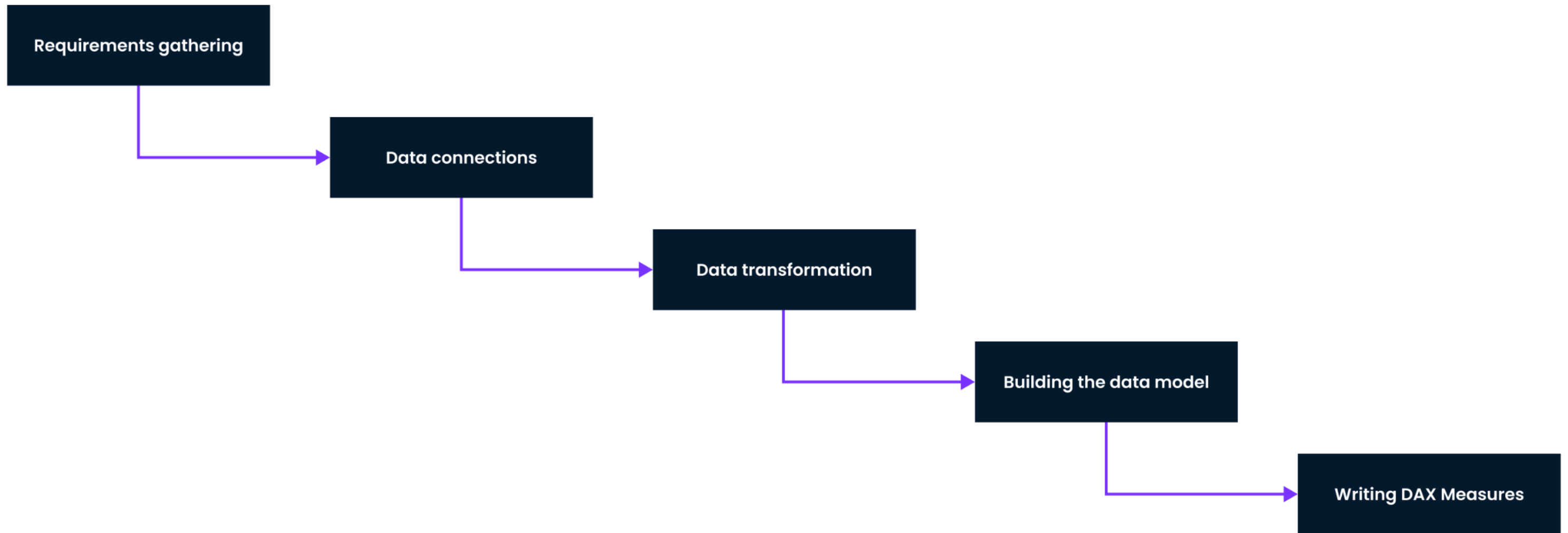


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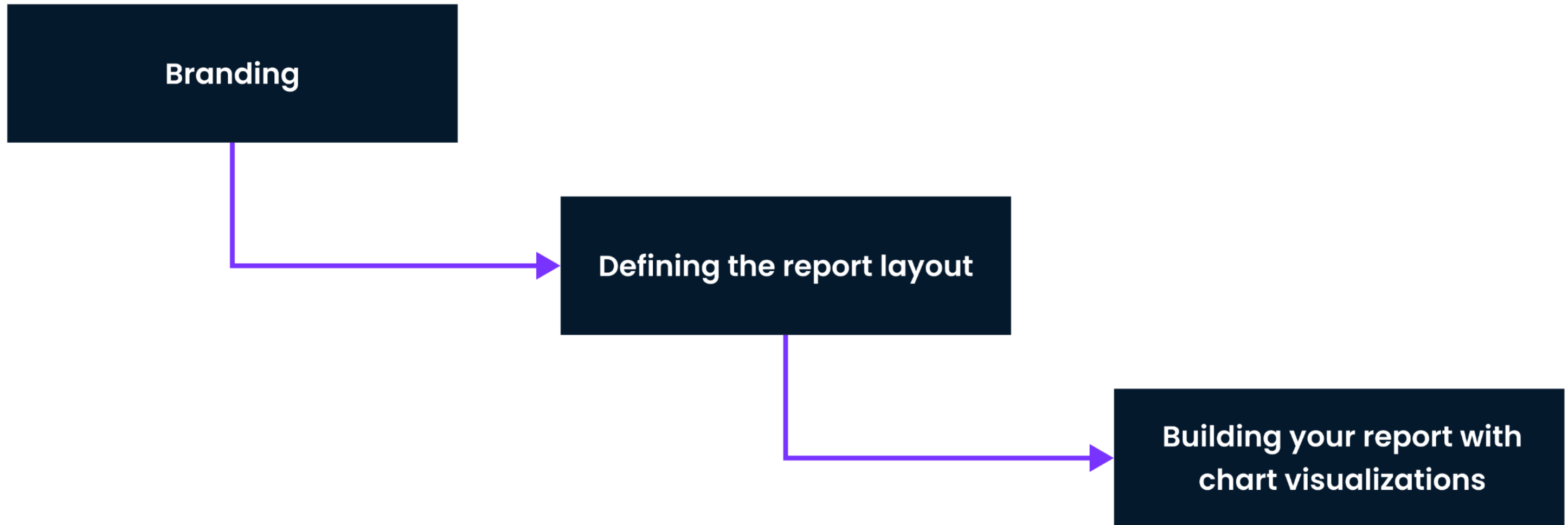


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Case study goals

- **Primary goal:** Monitor key HR metrics on employees
- **Secondary goal:** Understand what factors impact attrition



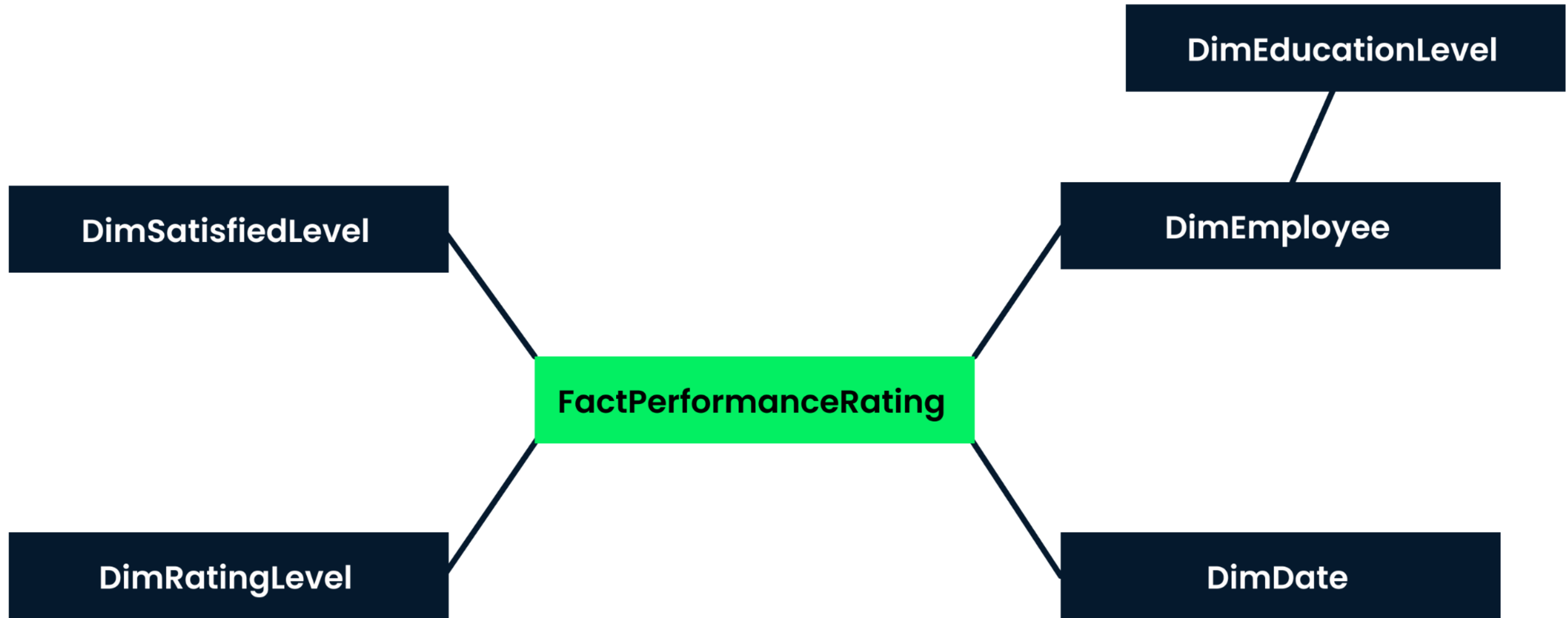
The dataset: Fact table

Column name	Description
PerformanceID	A unique id that identifies a performance review
EmployeeID	A unique ID that identifies an employee. Connects to Employee table.
ReviewDate	Date an employees' review took place.
EnvironmentSatisfaction	Rating for employees' satisfaction with their environment. Connects to Satisfied Level table.
...	...

The dataset: Dimension tables

- Employee
- EducationLevel
- RatingLevel
- SatisfiedLevel
- Date

The dataset: Snowflake schema



Let's practice!

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