

# HR Analytics in Power BI

CASE STUDY: HR ANALYTICS IN POWER BI



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Content Developer at DataCamp

# What is a case study?

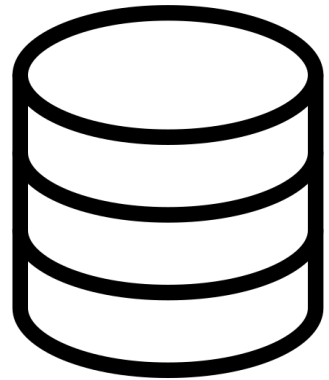
- Apply Power BI skills
- Combine previously learned concepts
- Solve an example real-world problem

## Prerequisite courses:

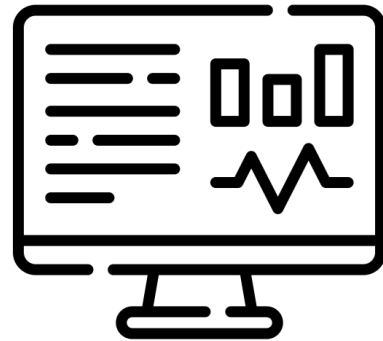
- Intermediate DAX in Power BI
- Data Modelling in Power BI
- Data Visualization in Power BI



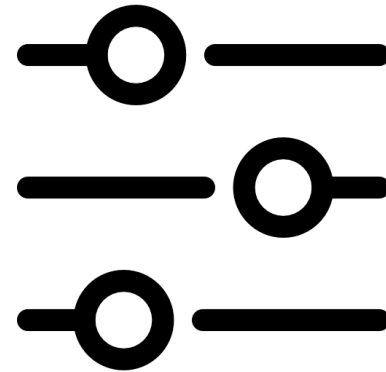
# Report development in Power BI



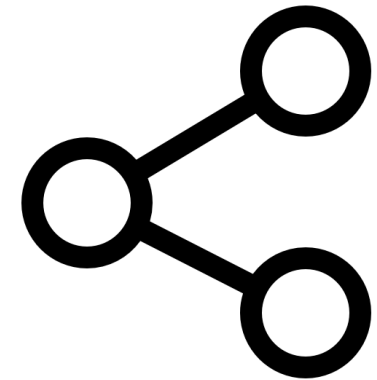
Building the data model  
and analyzing data



Report Design



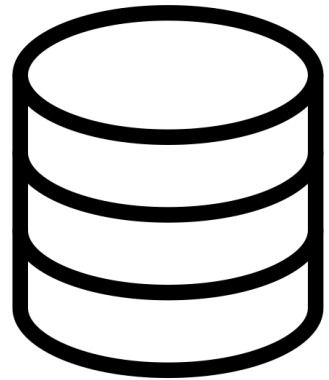
Preparing to share  
your report



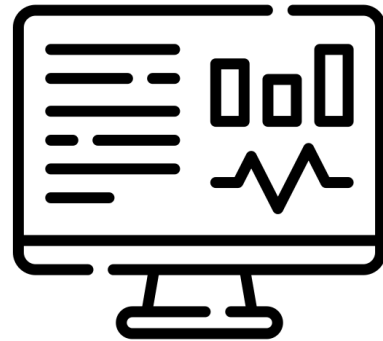
Sharing report with  
stakeholders

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

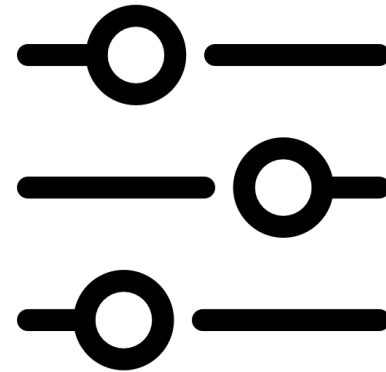
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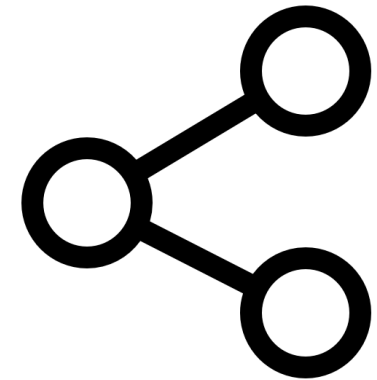
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Report Design

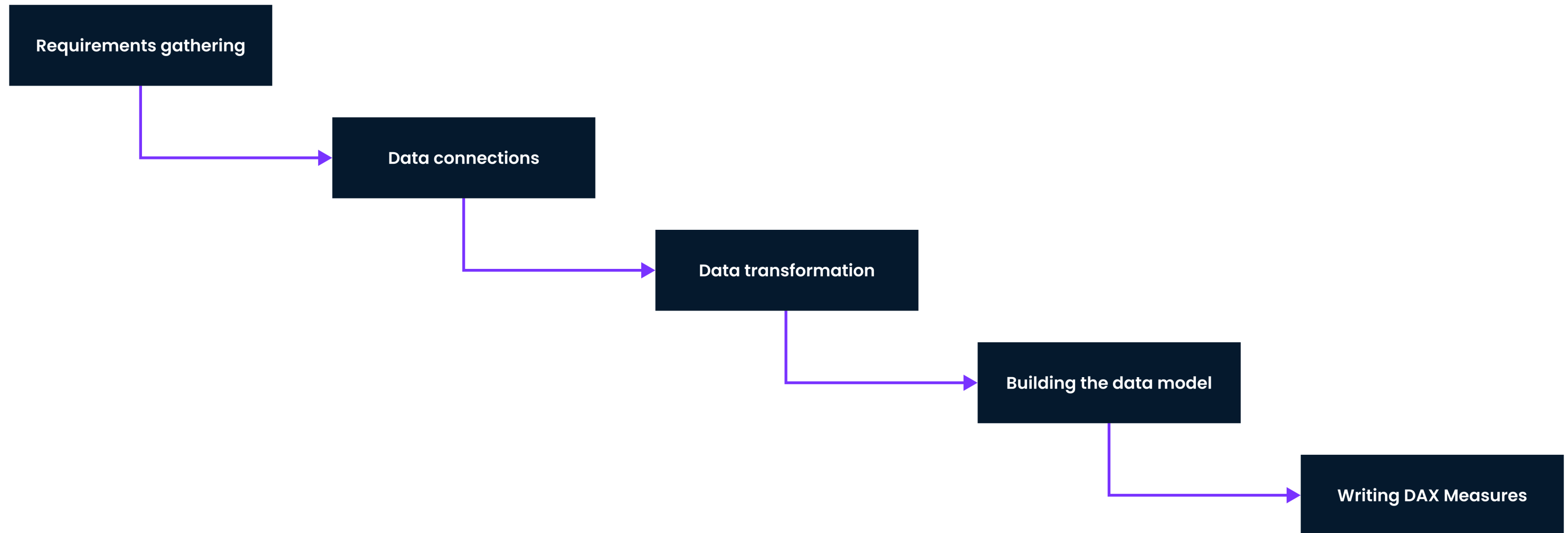


Preparing to share  
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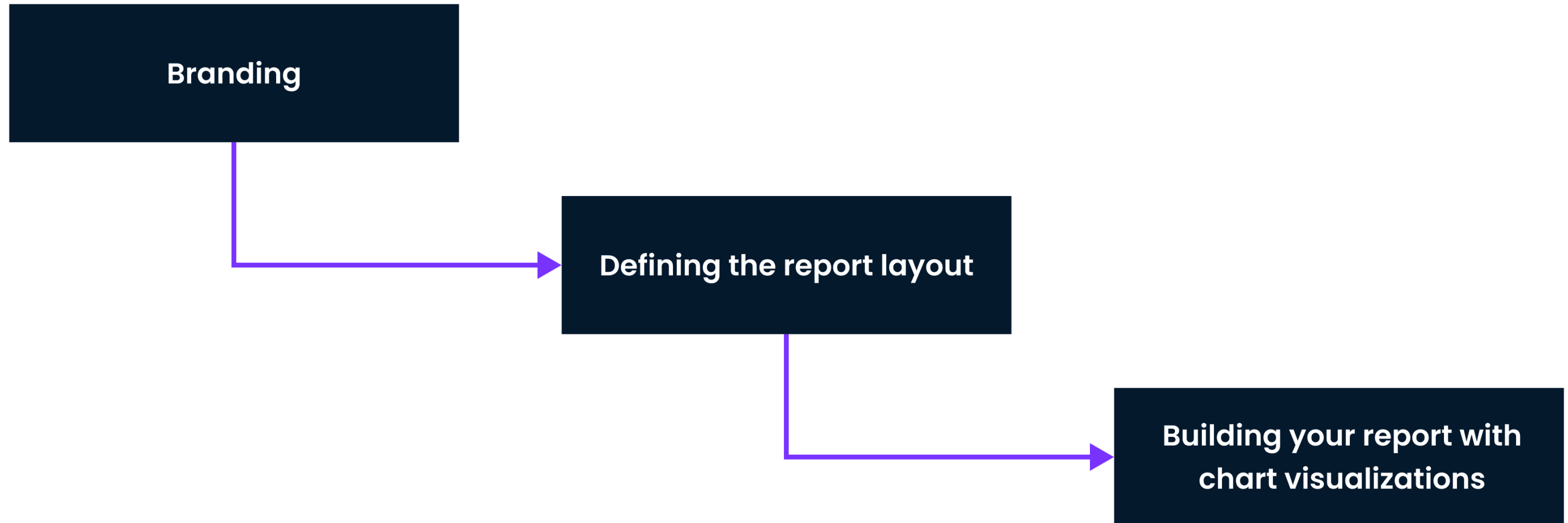


Sharing report with  
stakeholders

# Report development in Power BI



# Report development in Power BI



# Case study goals

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



# The dataset: Fact table

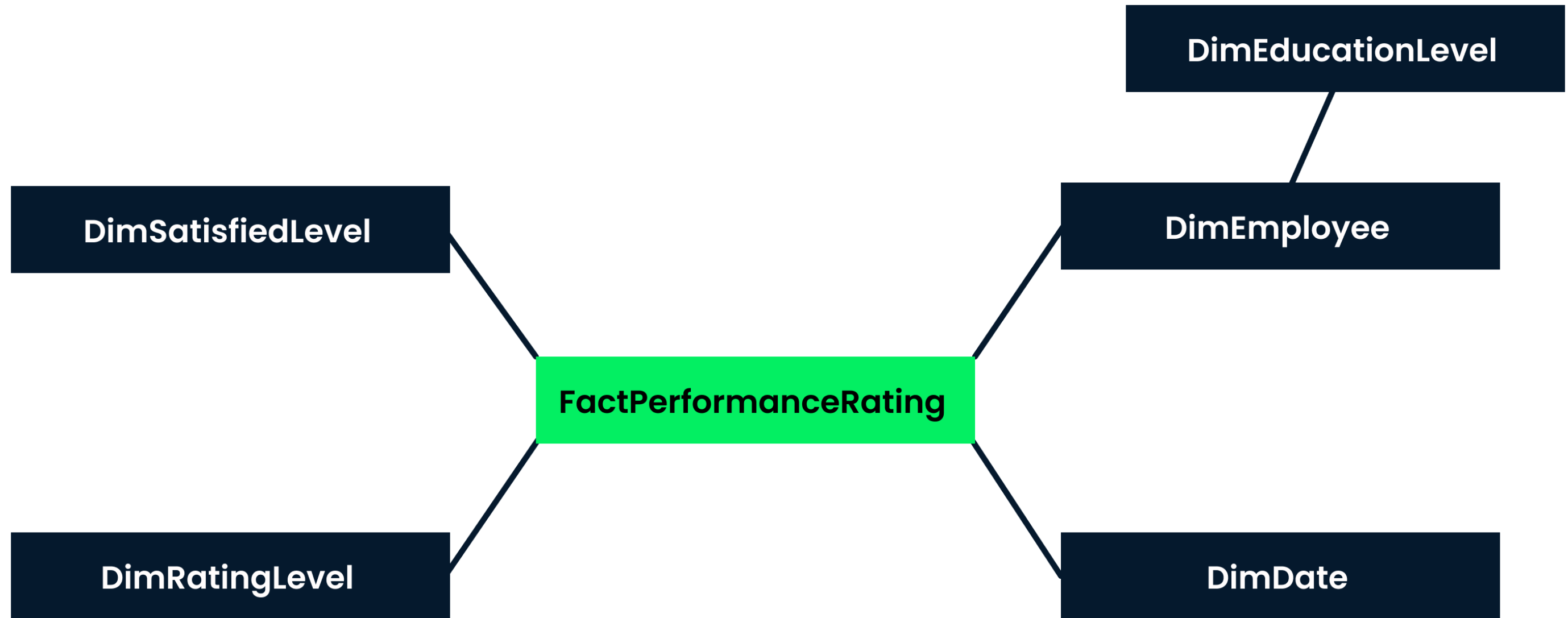
Column name	Description
PerformanceID	A unique id that identifies a performance review
EmployeeID	A unique ID that identifies an employee. Connects to Employee table.
ReviewDate	Date an employees' review took place.
EnvironmentSatisfaction	Rating for employees' satisfaction with their environment. Connects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



# The dataset: Dimension tables

- Employee
- EducationLevel
- RatingLevel
- SatisfiedLevel
- Date

# The dataset: Snowflake schema



# Let's practice!

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