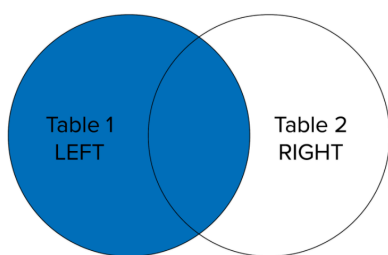


# 9.3 LESSON NOTES

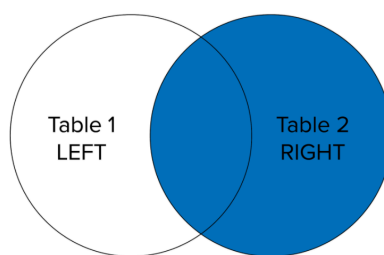
## BASIC PRINCIPLES OF JOINING DATA

- Datasets/tables joined using joining keys (common fields that contain the same information)
- **Data Studio only has a LEFT JOIN type available**

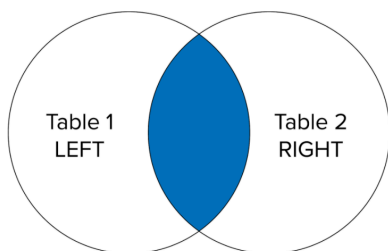
LEFT OUTER



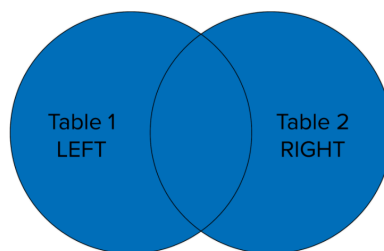
RIGHT OUTER



INNER

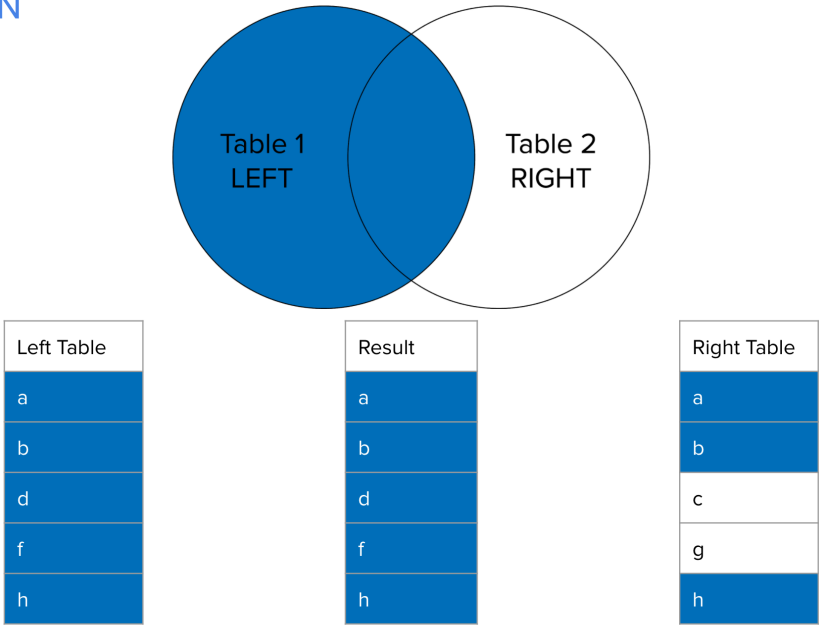


FULL OUTER

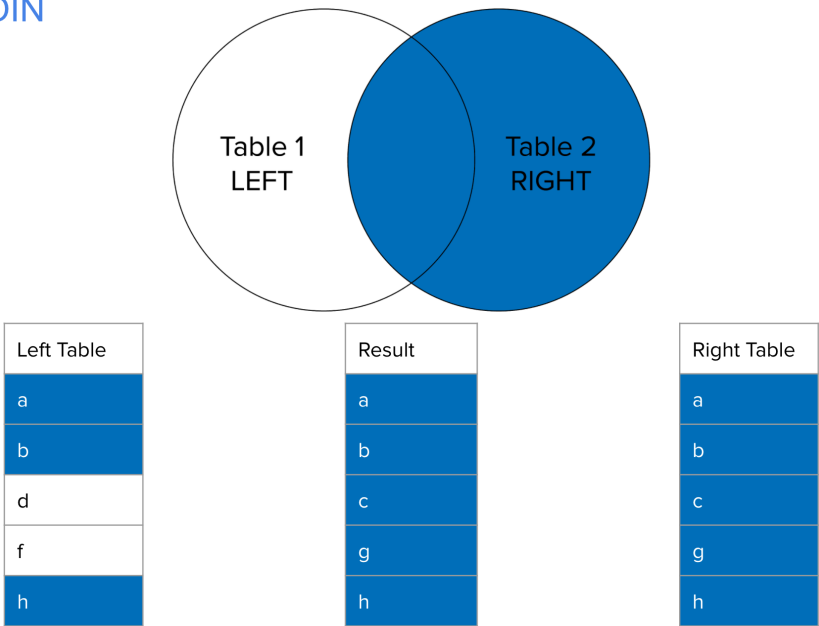


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## LEFT JOIN

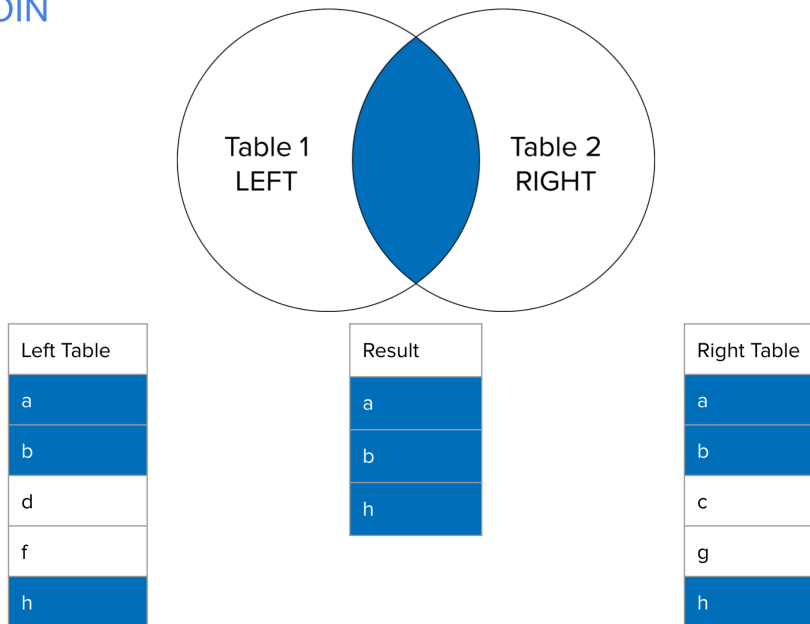


## RIGHT JOIN



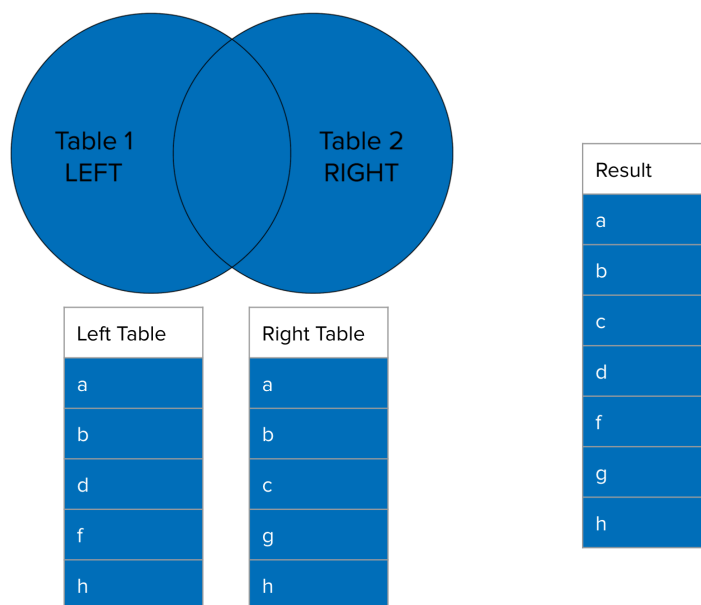
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## INNER JOIN



**vitamin** BI  
BUSINESS INTELLIGENCE

## OUTER JOIN



**vitamin** BI  
BUSINESS INTELLIGENCE