Power Query

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Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations. Because the engine is available in many products and services, the destination where the data will be stored depends on where Power Query was used. Using Power Query, you can perform the extract, transform, and load (ETL) processing of data.

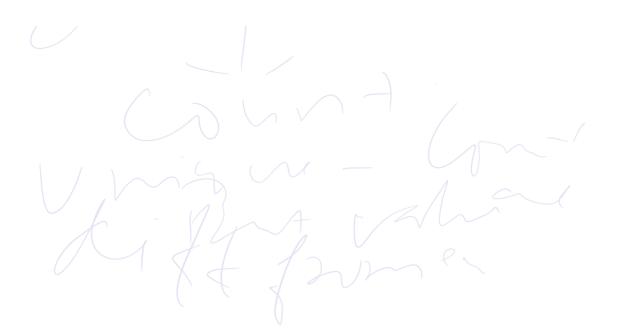From <https://learn.microsoft.com/en-us/power-query/power-query-what-is-power-query>

PowerQuery

ETL → Extract
      Transform
      Load

Data Transformation:
merge
Append — Combining
Diff

Join →

Inner Join

Right Outer Join
Left Outer Join
Left Anti Join
Right Anti Join
Full Outer Join.

SID	Name
1	Imran
2	Ray
3	Ali

Inner Distinct

- **Distinct**: Returns all entries without repeats
- **Unique**: Returns everything from the dataset that appears only once

From <https://www.google.com/search?
q=distinct+vs+unique&oq=distinct+vs+&gs_lcrp=EgZjaHJvbWUqBwgCEAAYgAQyBggAEEUYOTIHCAEQABiABDIHCAIQABiABDIHC
AMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIHCAcQABiABDIHCAgQABiABDIHCAkQABiABNIBCTczODNqMGoxNag
CCLACAQ&sourceid=chrome&ie=UTF-8>

- **Distinct**: Shows how many values are in a column after removing duplicates
- **Unique**: Shows how many values appear only once

From <https://www.google.com/search?
q=distinct+vs+unique&oq=distinct+vs+&gs_lcrp=EgZjaHJvbWUqBwgCEAAYgAQyBggAEEUYOTIHCAEQABiABDIHCAIQABiABDIHC
AMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIHCAcQABiABDIHCAgQABiABDIHCAkQABiABNIBCTczODNqMGoxNag
CCLACAQ&sourceid=chrome&ie=UTF-8>

sid	name	sid	course
1	Mayank	1	A
1	Mayank	1	B
2	Raj	2	A
3	Nitin	3	C
null	Rajat	null	A

2	Raj	2	A
3	Nitin	3	C
null	Rajat	null	A
null	Rajat	null	B

Result of inner join