Create and manage relationships

Tie different databases together so during visualization, everything is connected.

Do :

1. Load data from excel without transforming
2. Open model view in power bi

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Description automatically generated

Lines between tables so there are relationships automatically detected and made by power bi.

1. Analyze relationships build by power bi :

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Description automatically generated 1 to many relationships and single cross-filter direction

Double clicking on a relationship line :

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From above edit relationship, it shows power bi chose Product ID to connect these 2 tables.

Similarly, for customer info and sales table :

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Now, to change this to customer ID, click on customer id columns in both :

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Changed relation reflected and seen on hover :

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Cardinality and cross-filter direction :

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Now if tables flipped, cardinality and cross filter direction get flipped :

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1 customer can have several different orders so cardinality is one to many from customer info to apocalypse sales

You can flip the info and sales tables and the cardinality will flip.

Cross filter direction : single/ both

Lets connect data in info to store.

* Go to report view
* Suppose to see which products bought in which state
* Viz: table, data fields: state from cust info and build new measure in store
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Commit and select that measure so it is added to the table.

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Now change filter direction to both in both links in model view :

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To :

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<https://www.youtube.com/watch?v=sW5LoDA1ssM>

Create relationships from scratch