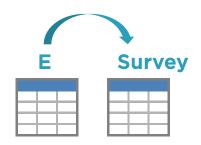
# Transforming Data



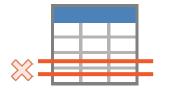
Stacia Varga
PRINCIPAL CONSULTANT

@\_StaciaV\_ blog.datainspirations.com

### Transforming Data



Rename objects



Filtering rows



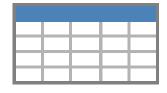
**Combine queries** 



Eliminating columns



Fixing metadata



Adding columns

And many more transformations!



## Renaming Queries

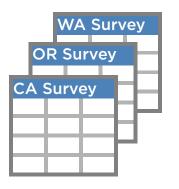








## Renaming Queries

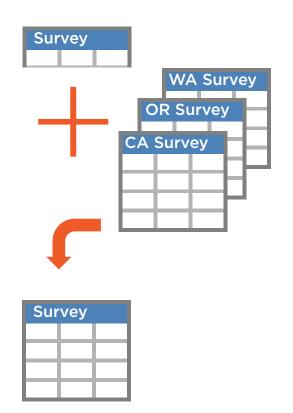


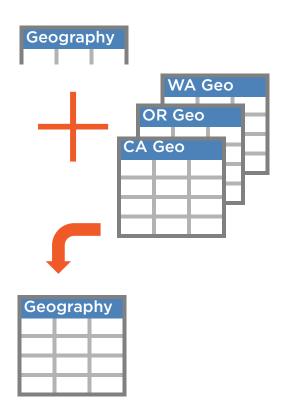






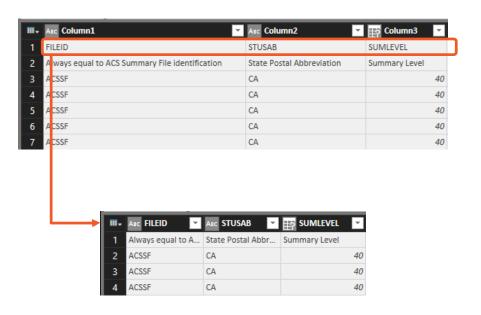
## Combining Queries: Append







### Fixing Metadata





### Fixing Metadata





III.	ABC FILEID	ABC STUSAB	<b>≣</b> ? SUMLEVEL ▼
1	ACSSF	CA	40
2	ACSSF	CA	40
3	ACSSF	CA	40
4	ACSSF	CA	40

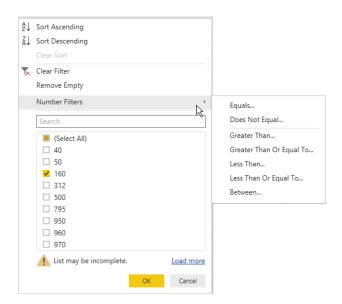


## Fixing Metadata

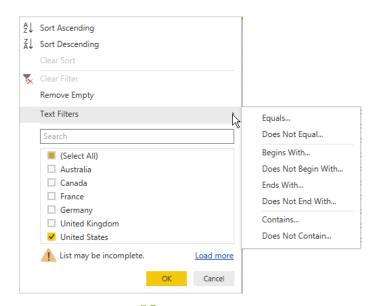




### Filtering Rows



**Number Filters** 



**Text Filters** 



### Eliminating Columns

#### Choose columns to keep





₩v	Asc Zip Code	123 STATE	123 PLACE
1	601	72	358
2	602	72	616
3	602	72	47873
4	603	72	745

#### Choose columns to remove

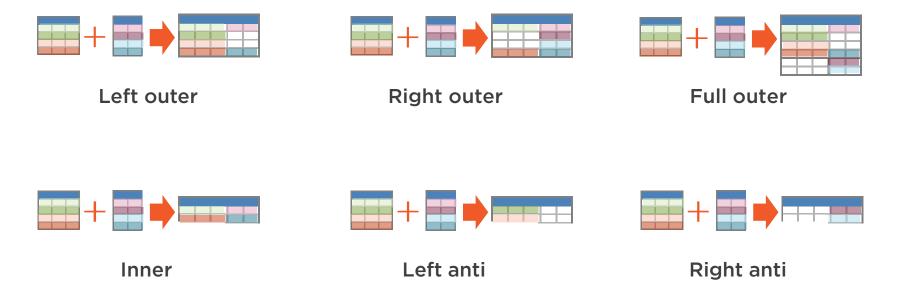








### Combining Queries: Merge



## Adding Columns: Duplicate

Ⅲ+ p Code	123 STATE	▼ 123 PLACE	123 LOGRECNO	~	ARE NAME	*
1		6	44000	110	Los Angeles city, California	
2		6	44000	110	Los Angeles city, California	
3		6	44000	110	Los Angeles city, California	
4		6	44000	110	Los Angeles city, California	



### Adding Columns: Duplicate

#### **Duplicate a column**



Ⅲ+ p Code	123 STATE	▼ 123 PLACE	123 LOGRECNO	¥	And NAME	* NAME - Copy
1	- 3 - 11 - 1	6	44000	110	Los Angeles city, California	Los Angeles city, California
2		6	44000	110	Los Angeles city, California	Los Angeles city, California
3		6	44000	110	Los Angeles city, California	Los Angeles city, California
4		6	44000	110	Los Angeles city, California	Los Angeles city, California



## Adding Columns: Split

#### Split by delimiter

III - Asc Zip Code	▼ 123 STATE	→ 123 PLACE	₹ 123 LOGRECNO	v	AEC NAME	Arc NAME - Copy.1	NAME - Copy.2
1 90001		6	44000	110	Los Angeles city, California	Los Angeles city	California
2 90002		6	44000	110	Los Angeles city, California	Los Angeles city	California
3 90003		6	44000	110	Los Angeles city, California	Los Angeles city	California
4 90004		6	44000	110	Los Angeles city, California	Los Angeles city	California



### Summary



**Renaming queries** 

**Combining queries** 

Fixing metadata

Filtering rows

**Eliminating columns** 

Adding columns

