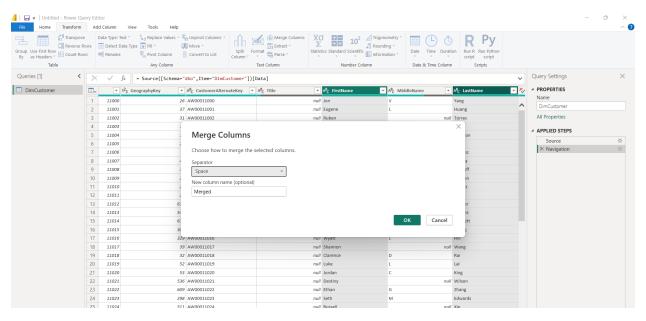
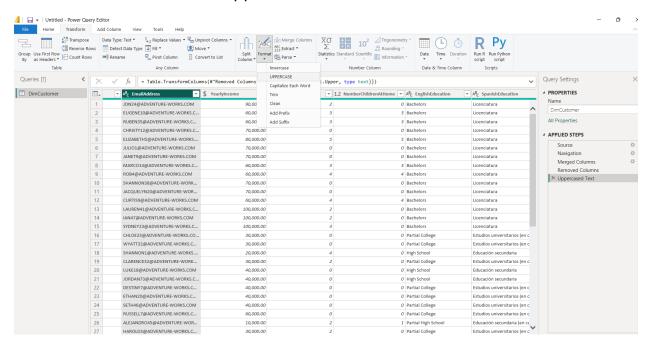
## Level (1-10)

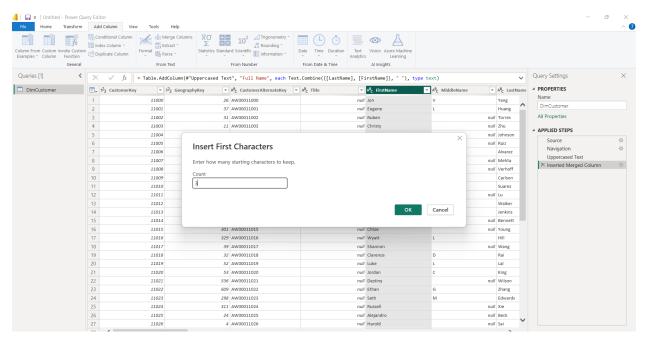
Concatenate First and Last Name



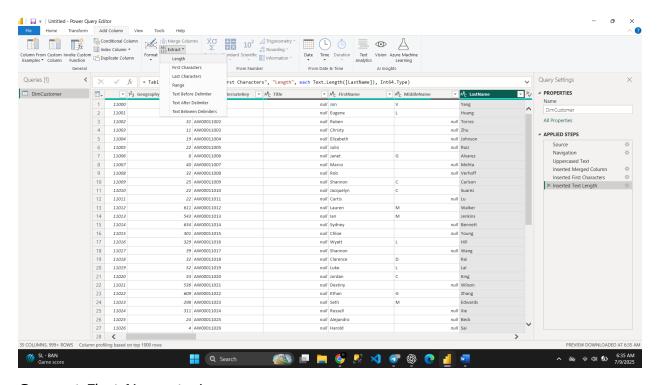
Convert Email Address to Uppercase



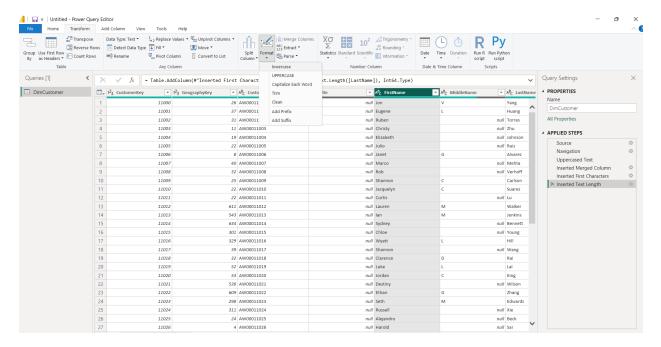
Extract First 3 Characters from First Name



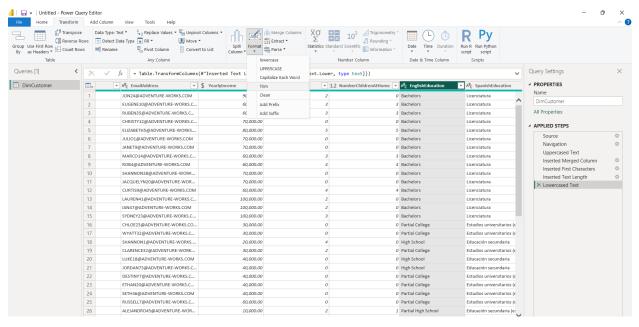
· Count Characters in Last Name



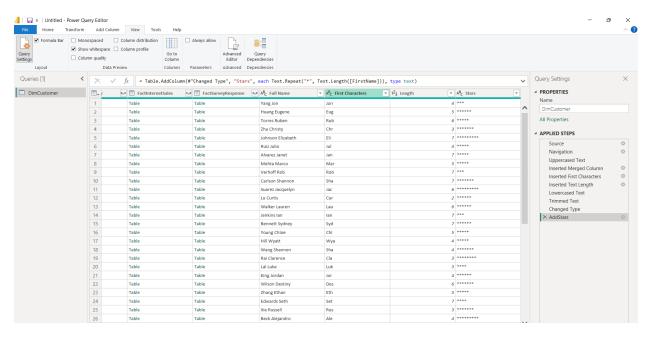
Convert First Name to Lowercase



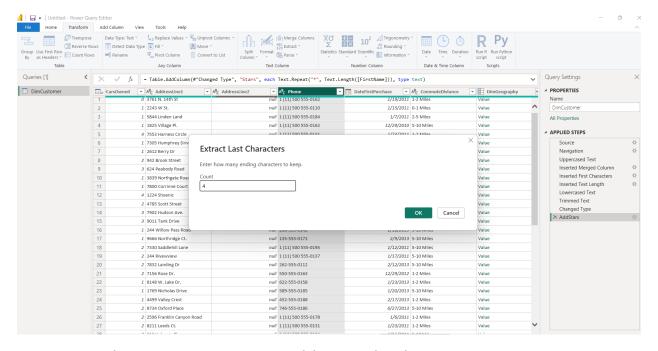
· Trim Spaces in EnglishEducation



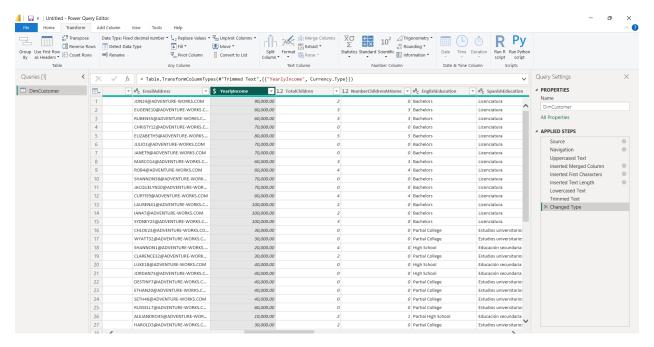
• Repeat '\*' Character Equal to Length of First Name



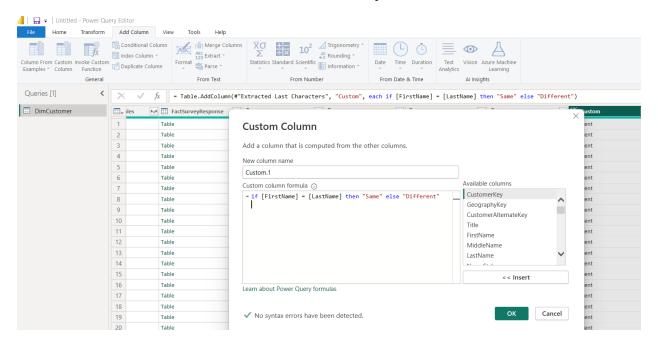
Get Last 4 Characters of Phone Number



Format YearlyIncome to Currency with 2 Decimals



Check If FirstName and LastName Are Exactly the Same

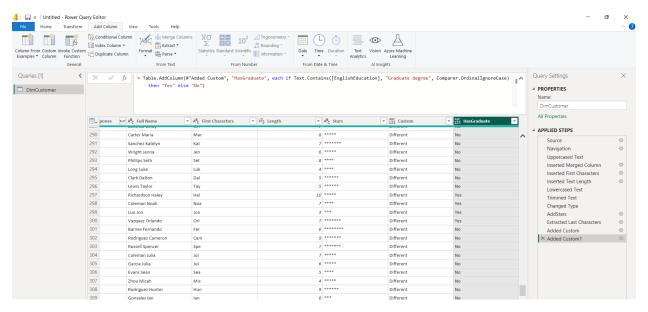


## Intermediate Level (11-20)

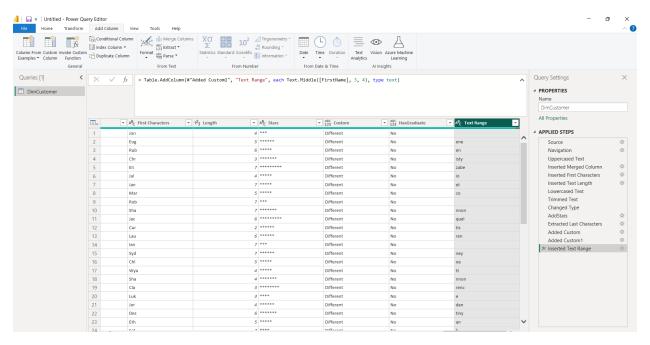
Find If 'Manager' Appears in Occupation (Case Sensitive)

\_

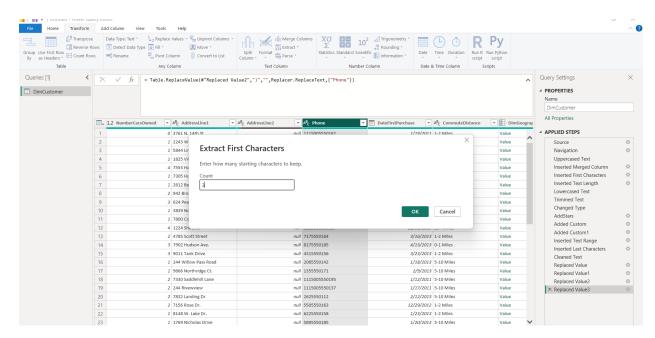
Search for 'graduate' in EnglishEducation (Case Insensitive)



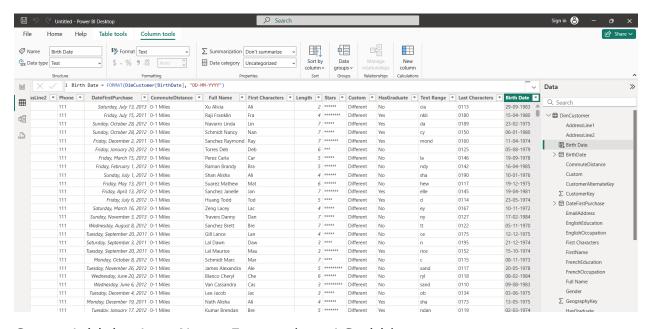
• Extract Characters 3-7 from First Name



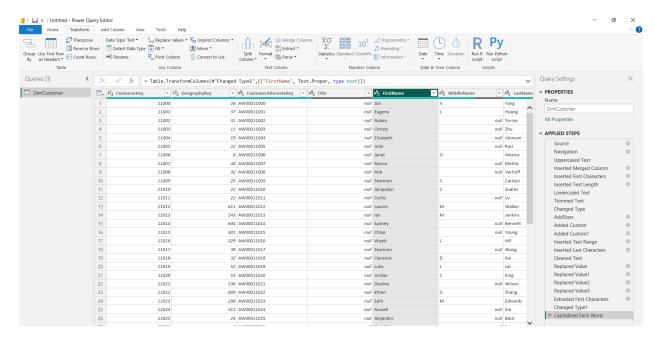
• Replace Area Code in Phone Number with 'XXX'



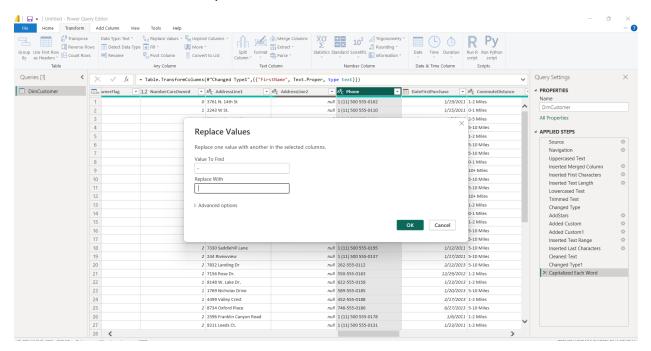
Format BirthDate as 'DD-MM-YYYY'



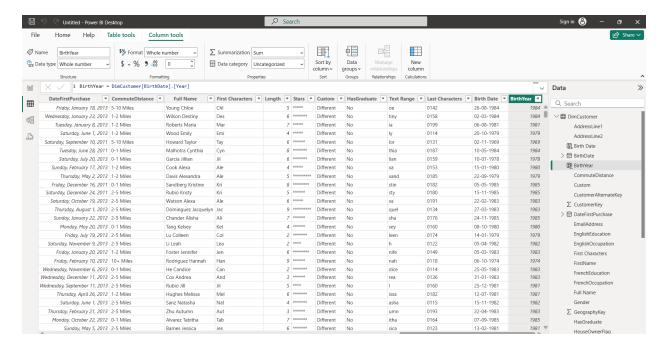
- Create Initial + Last Name Format (e.g. J.Smith)
- Capitalize First Letter of FirstName, Lowercase the Rest



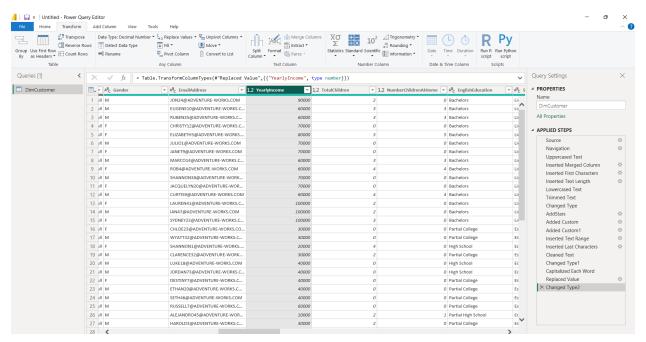
• Substitute Dashes with Spaces in Phone



Convert BirthDate Year to Numeric Using VALUE



Show YearlyIncome Rounded to 1 Decimal Without Commas

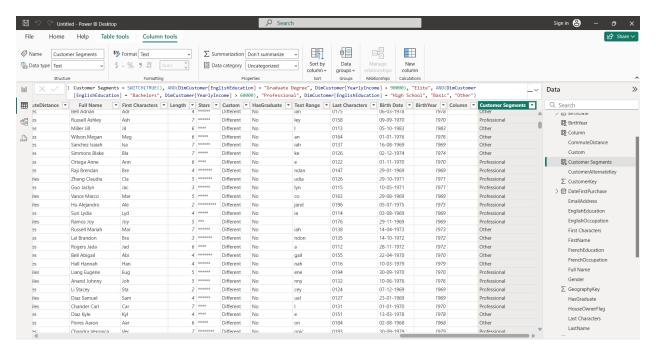


## Advanced Level (21-30)

- Customer Code: First 2 Letters of LastName + Last 2 of CustomerKey
- Validate Email Ends with '.com' and Contains '@'p
- Extract Domain Name from EmailAddress
- Mask Phone Number Except Last 4 Digits

- Proper Casing of Last Name (simulate manually)
- Replace Multiple Spaces in EnglishOccupation with Single Space
- Generate Custom ID: Initials + Birth Year (e.g., JD\_1985)
- Remove Hyphens and Convert Phone to Number
- Create a measure or calculated column that categorizes customers into segments using both EnglishEducation and YearlyIncome.
   If the education is "Graduate Degree" and income > 90000 → "Elite"
   If education is "Bachelors" and income between 60000-90000 → "Professional"

If education is "High School" → "Basic" Otherwise → "Other"



Create a measure that returns:
 Total Customers if no selection
 Customer count for selected Gender
 If more than one gender is selected, return "Multiple Values Selected"