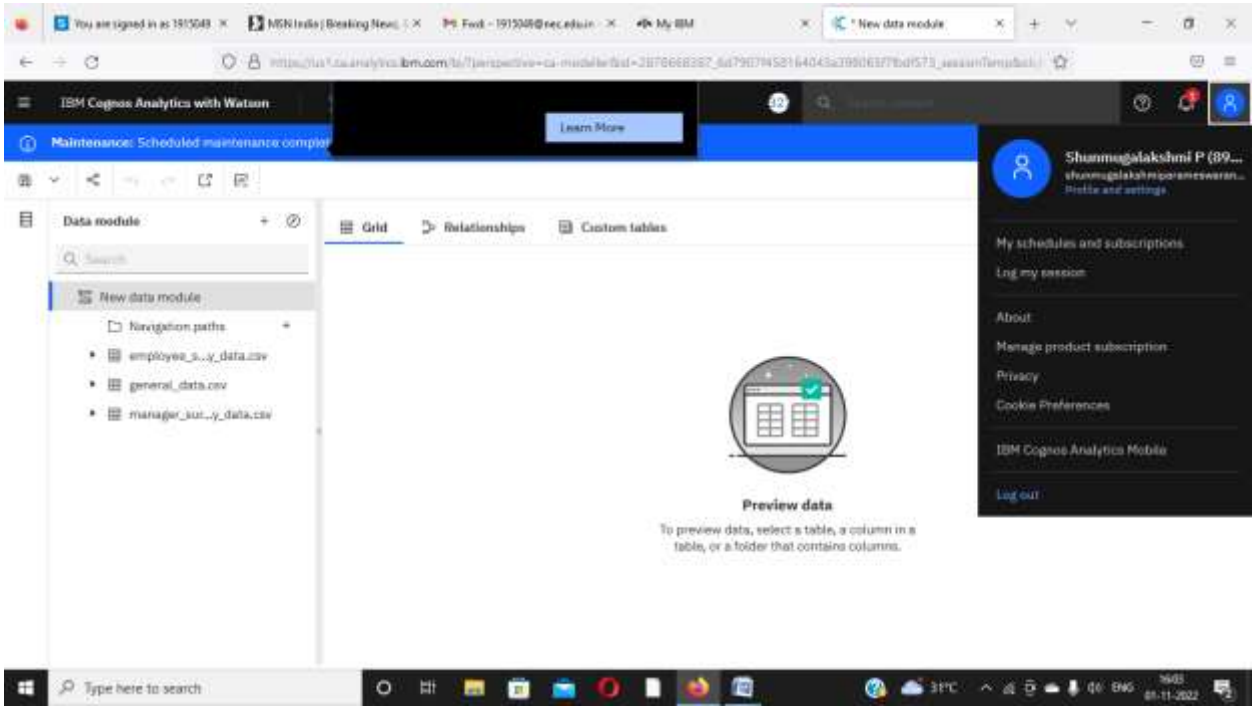
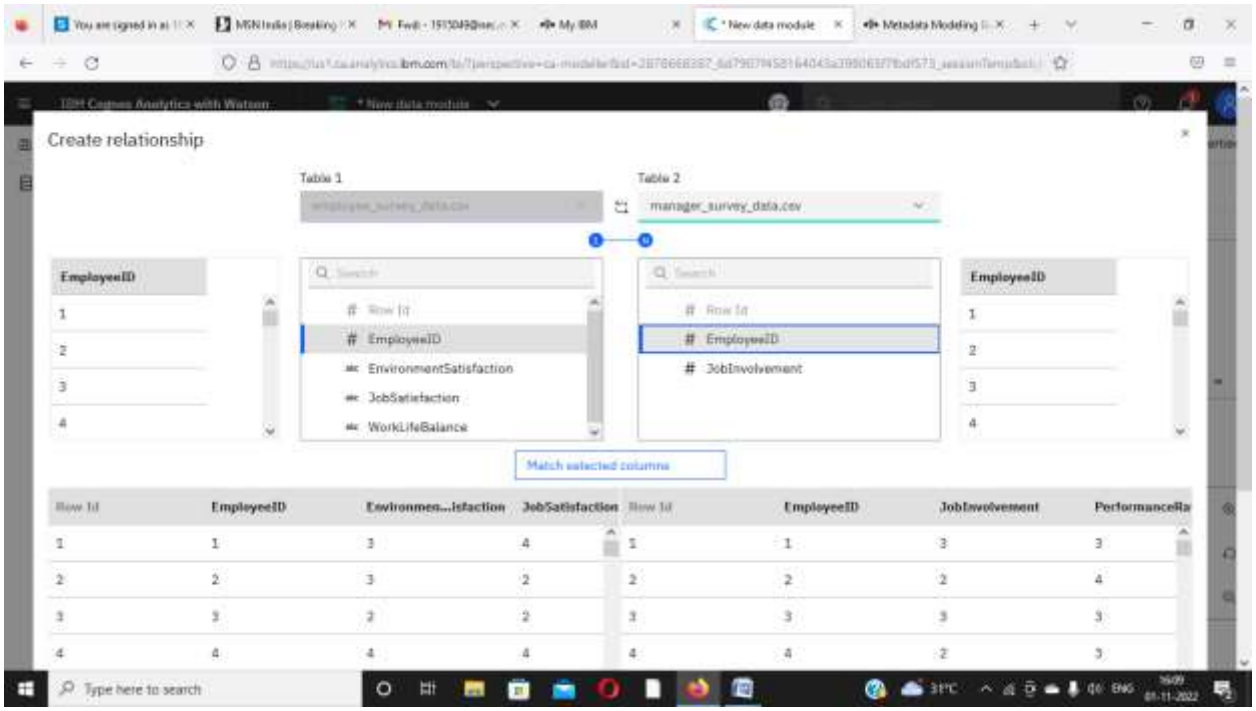
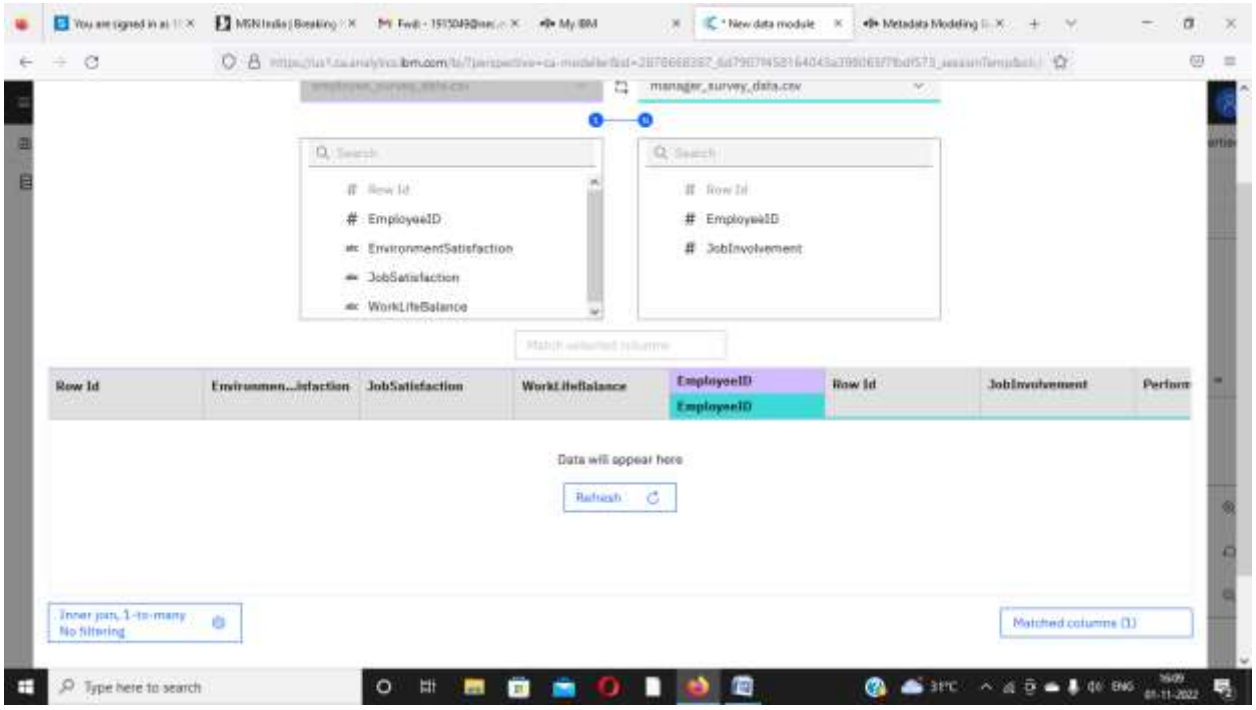
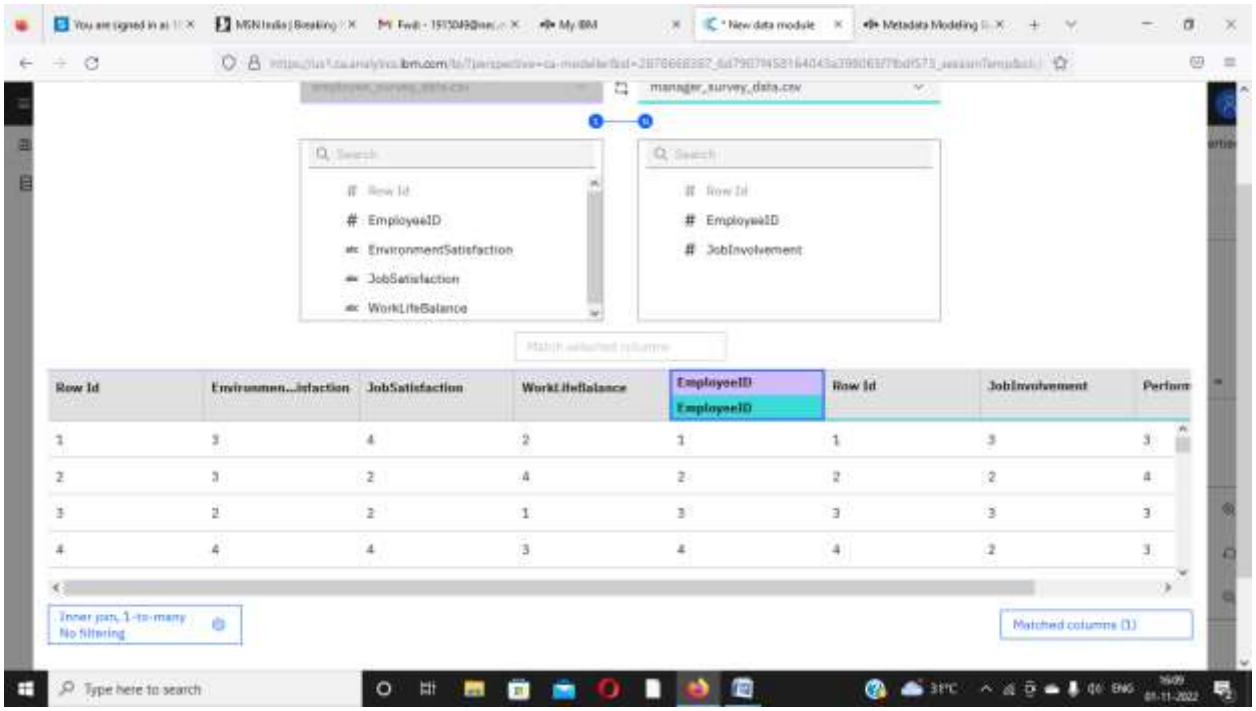
PREPARE THE DATASET

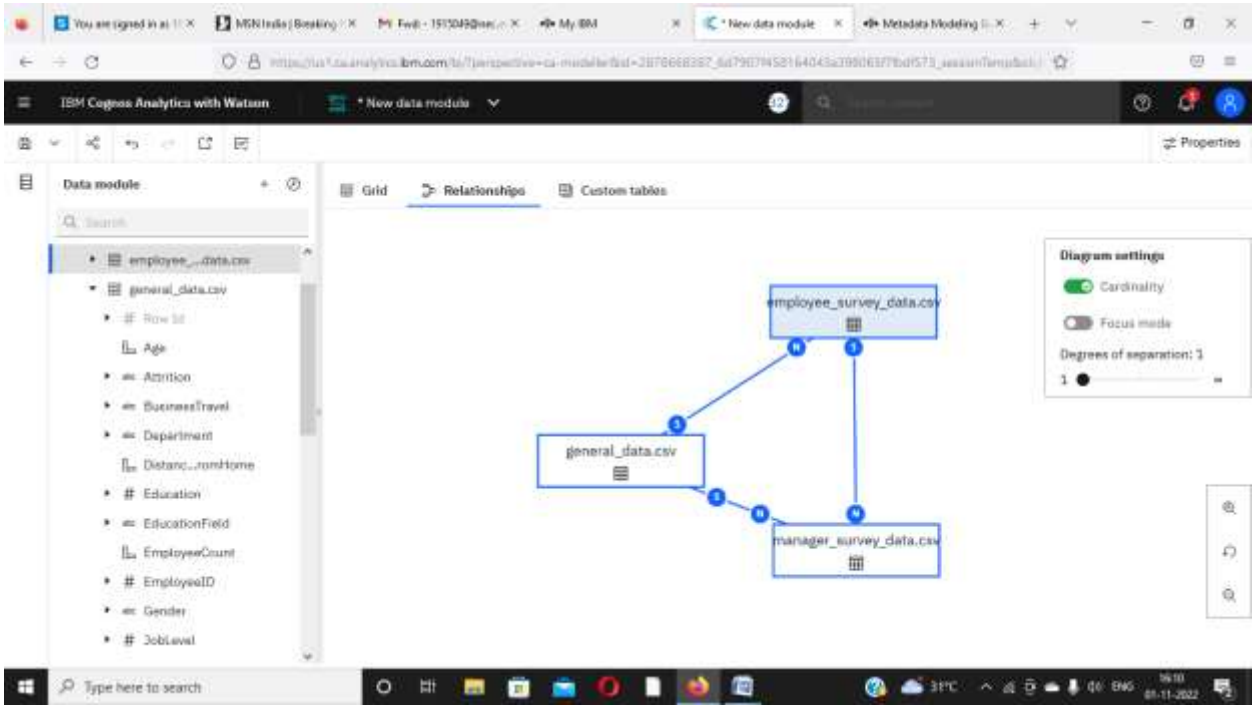
Project Name	Corporate Employee Attrition Analytics
Team Id	PNT2022TMID20674

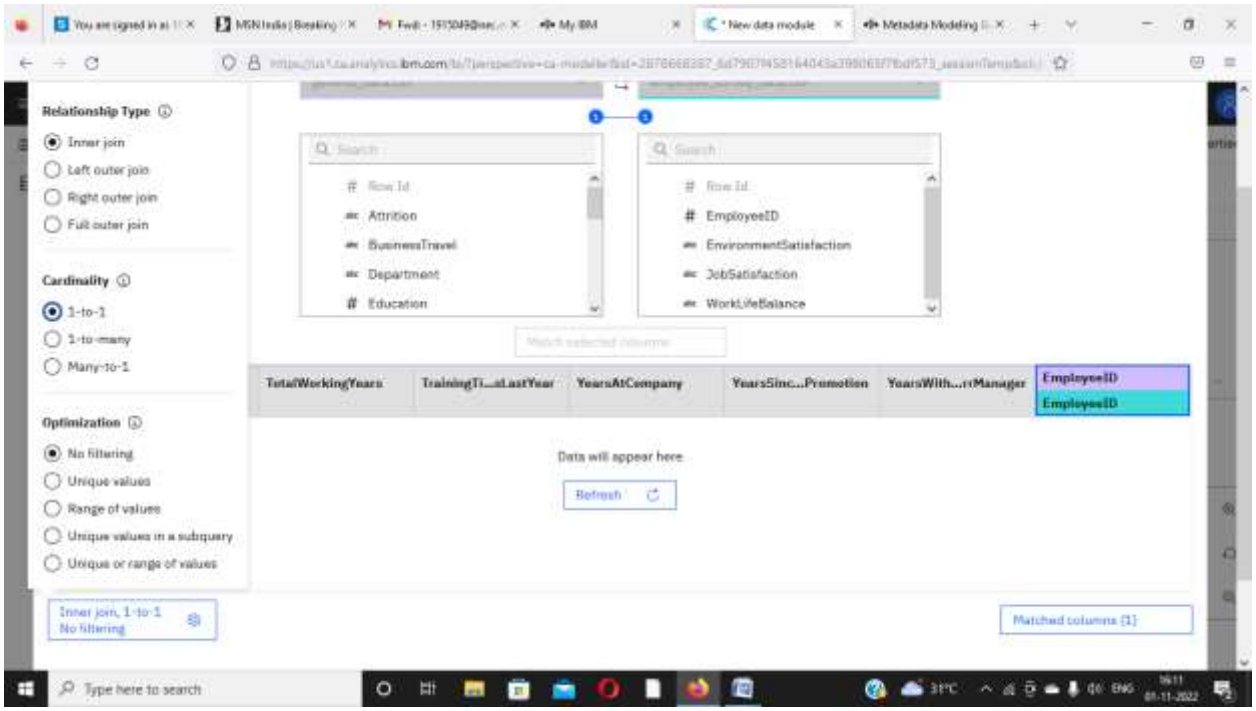


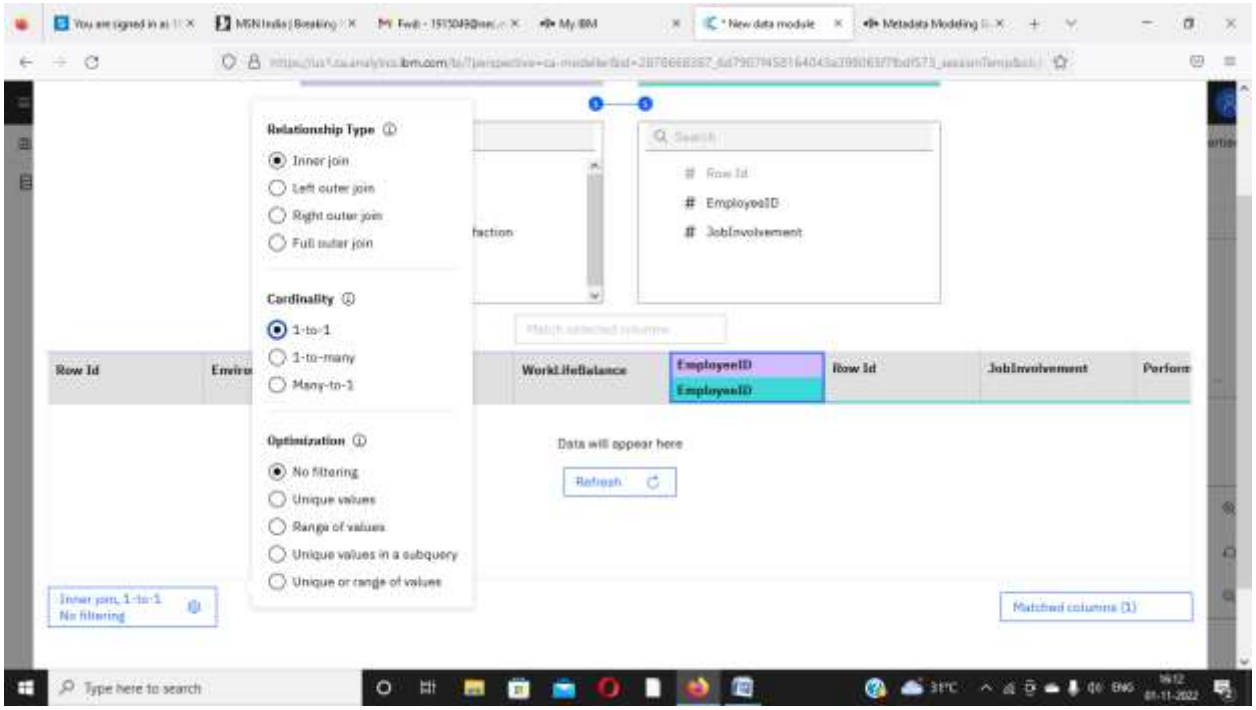

Create relationship
Table 1
Table 2
manager_survey_data.csv
EmployeeID
Row Id
EmployeeID
EnvironmentSatisfaction
JobSatisfaction
WorkLifeBalance
JobInvolvement
Match selected columns
Row Id
EmployeeID
Environmen...isfaction
JobSatisfaction
JobInvolvement
PerformanceRa
Type here to search

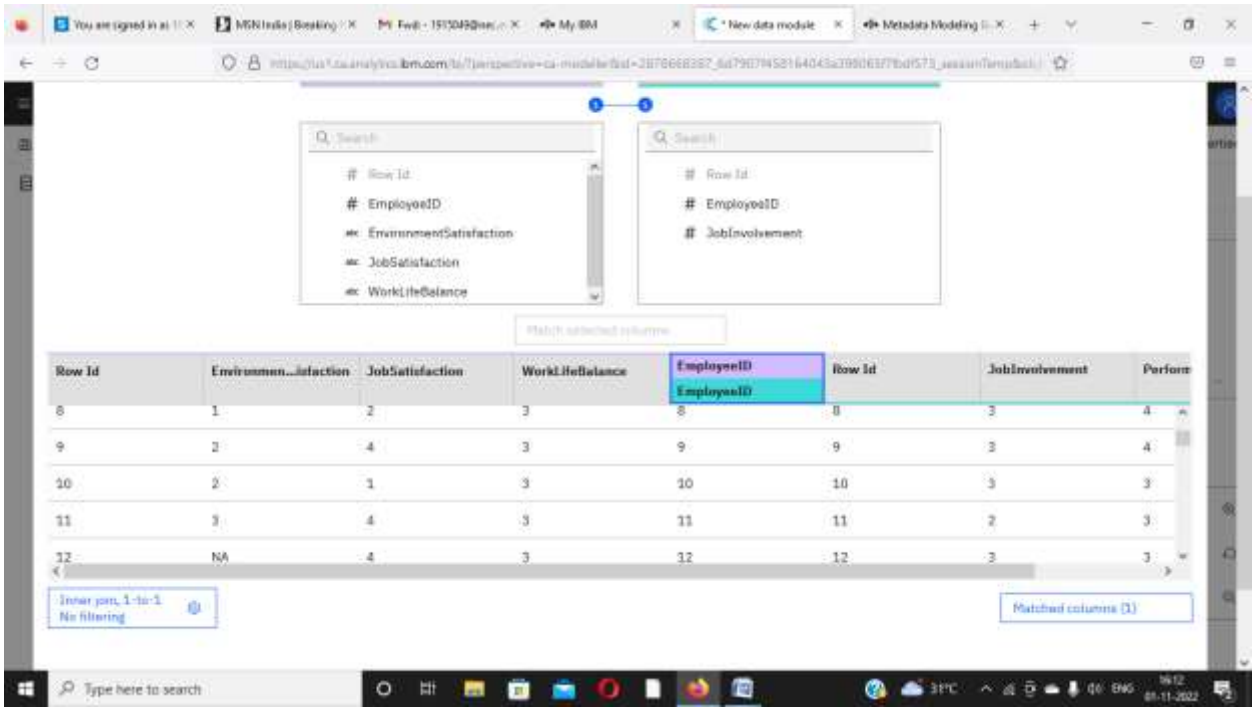

manager_survey_data.csv
Row Id
EmployeeID
EnvironmentSatisfaction
JobSatisfaction
WorkLifeBalance
JobInvolvement
Row Id
Environmen...isfaction
JobSatisfaction
WorkLifeBalance
EmployeeID
EmployeeID
Row Id
JobInvolvement
Data will appear here
Refresh
Inner join, 1-to-many
No filtering
Matched columns (1)
Type here to search

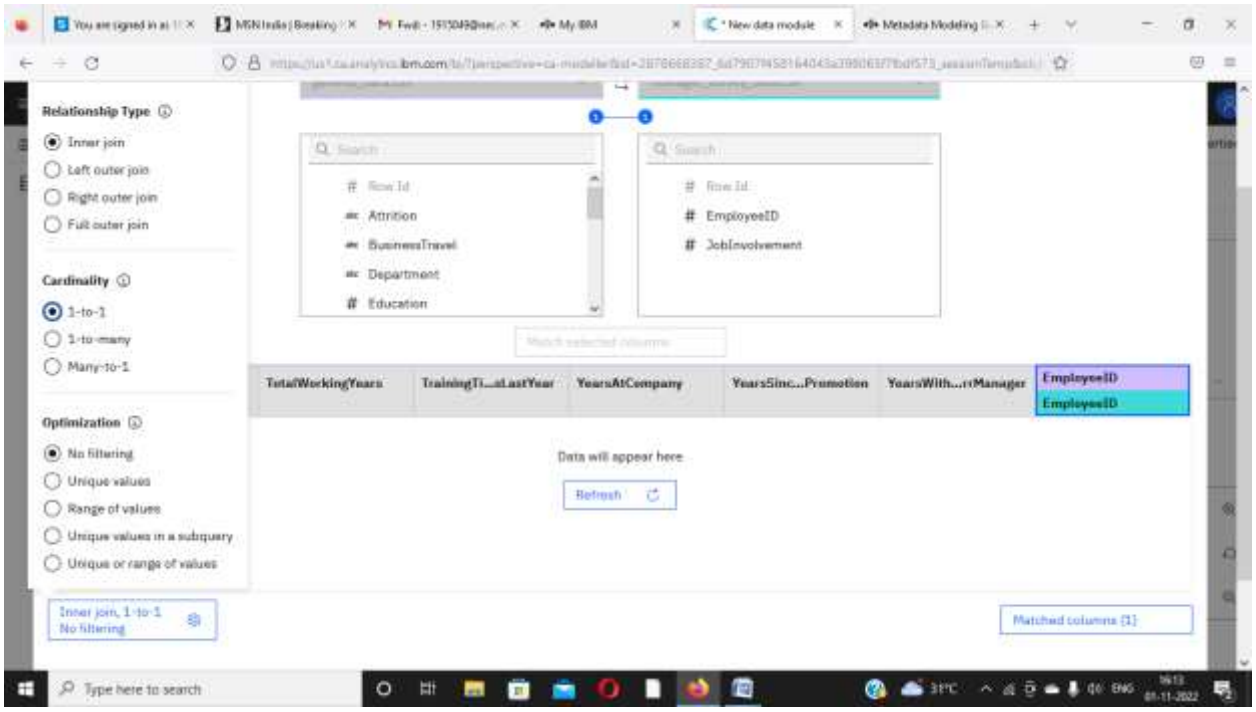

manager_survey_data.csv
Row Id
EmployeeID
EnvironmentSatisfaction
JobSatisfaction
WorkLifeBalance
Row Id
EmployeeID
JobInvolvement
Row Id
Environmen...isfaction
JobSatisfaction
WorkLifeBalance
EmployeeID
EmployeeID
Row Id
JobInvolvement
Perform
1 3 4 2 1 1 3 3
2 3 2 4 2 2 2 4
3 2 2 1 3 3 3 3
4 4 4 3 4 4 2 3
Inner join, 1-to-many
No filtering
Matched columns (1)
Type here to search

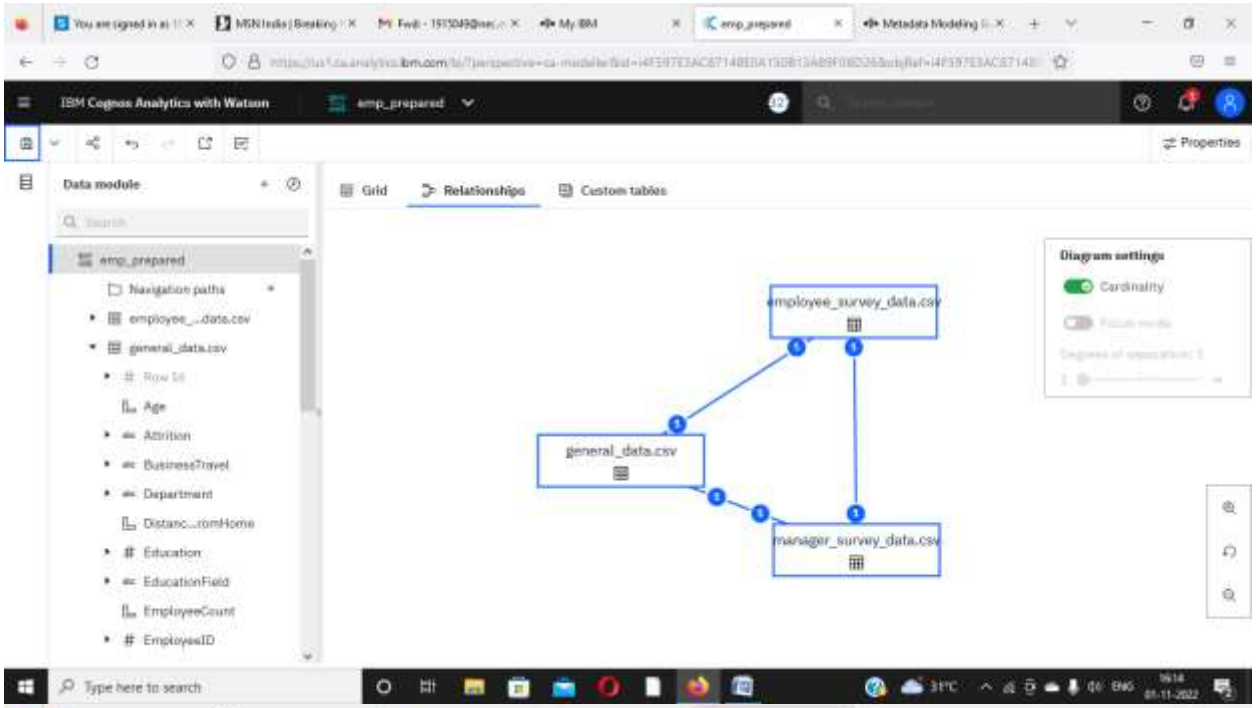

IBM Cognos Analytics with Watson
* New data module
Properties
Data module
Grid
Relationships
Custom tables
employee_...data.csv
general_data.csv
Age
Attrition
BusinessTravel
Department
Distanc...romHome
Education
EducationField
EmployeeCount
EmployeeID
Gender
JobLevel
employee_survey_data.csv
general_data.csv
manager_survey_data.csv
Diagram settings
Cardinality
Focus mode
Degrees of separation: 1
1
Type here to search

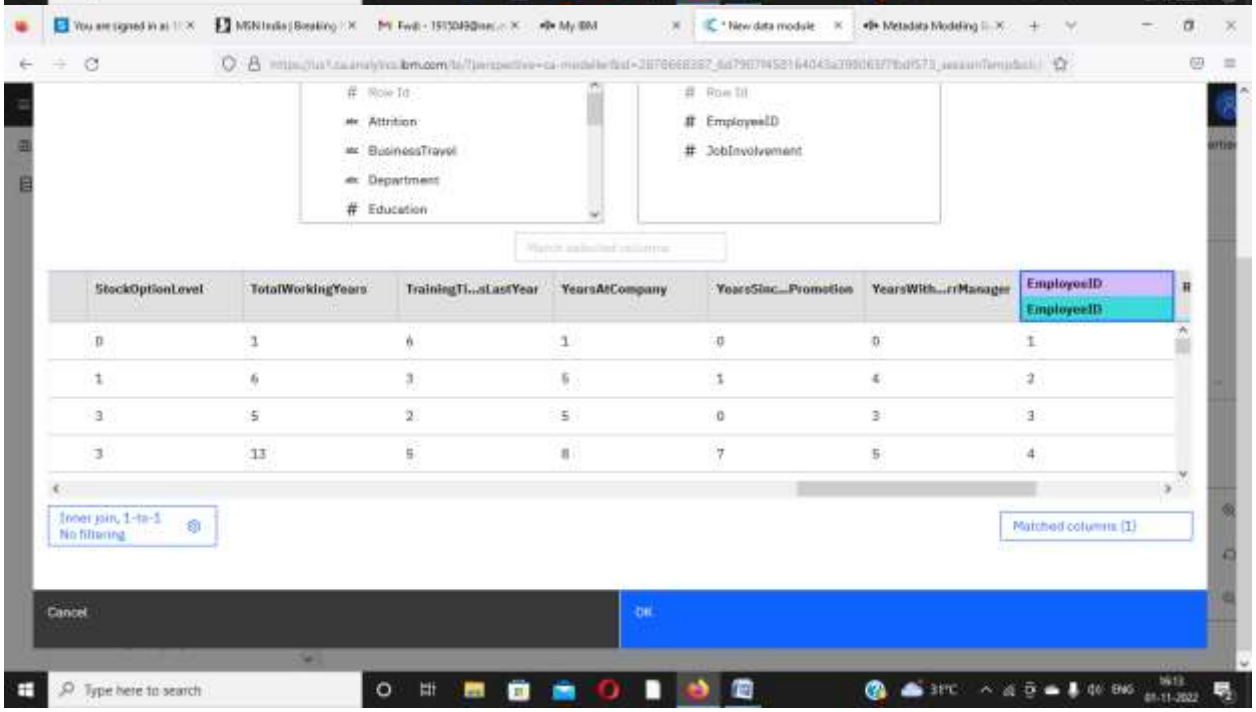

Relationship Type
Inner join
Left outer join
Right outer join
Full outer join
Cardinality
1-to-1
1-to-many
Many-to-1
Optimization
No filtering
Unique values
Range of values
Unique values in a subquery
Unique or range of values
Attrition
BusinessTravel
Department
Education
EmployeeID
EnvironmentSatisfaction
JobSatisfaction
WorkLifeBalance
TotalWorkingYears
TrainingTi...stLastYear
YearsAtCompany
YearsSinc...Promotion
YearsWith...rrManager
EmployeeID
EmployeeID
Data will appear here
Refresh
Inner join, 1-to-1
No filtering
Matched columns (1)
Type here to search


Relationship Type
Inner join
Left outer join
Right outer join
Full outer join
Cardinality
1-to-1
1-to-many
Many-to-1
Optimization
No filtering
Unique values
Range of values
Unique values in a subquery
Unique or range of values
EmployeeID
JobInvolvement
Row Id
WorkLifeBalance
EmployeeID
EmployeeID
Row Id
JobInvolvement
Data will appear here
Refresh
Inner join, 1-to-1
No filtering
Matched columns (1)
Type here to search


New data module
Row Id
EmployeeID
EnvironmentSatisfaction
JobSatisfaction
WorkLifeBalance
EmployeeID
Row Id
EmployeeID
JobInvolvement
Row Id
Environmen...isfaction
JobSatisfaction
WorkLifeBalance
EmployeeID
EmployeeID
Row Id
JobInvolvement
Perform
8 1 2 3 8 8 3 4
9 2 4 3 9 9 3 4
10 2 1 3 10 10 3 3
11 3 4 3 11 11 2 3
12 NA 4 3 12 12 3 3
Inner join, 1-to-1
No filtering
Matched columns (1)
Type here to search


Relationship Type
Inner join
Left outer join
Right outer join
Full outer join
Cardinality
1-to-1
1-to-many
Many-to-1
Optimization
No filtering
Unique values
Range of values
Unique values in a subquery
Unique or range of values
Row Id
Attrition
BusinessTravel
Department
Education
Row Id
EmployeeID
JobInvolvement
TotalWorkingYears
TrainingTi...stLastYear
YearsAtCompany
YearsSinc...Promotion
YearsWith...rManager
EmployeeID
EmployeeID
Data will appear here
Refresh
Inner join, 1-to-1
No filtering
Matched columns (1)
Type here to search


IBM Cognos Analytics with Watson
emp_prepared
Properties
Data module
emp_prepared
Navigation paths
employee_...data.csv
general_data.csv
Age
Attrition
BusinessTravel
Department
Distanc...romHome
Education
EducationField
EmployeeCount
EmployeeID
Grid
Relationships
Custom tables
Diagram settings
Cardinality
employee_survey_data.csv
general_data.csv
manager_survey_data.csv
Type here to search


New data module
Row Id
Attrition
BusinessTravel
Department
Education
EmployeeID
JobInvolvement
StockOptionLevel
TotalWorkingYears
TrainingTi...sLastYear
YearsAtCompany
YearsSinc...Promotion
YearsWith...rManager
EmployeeID
EmployeeID
0 1 6 1 0 0 1
1 6 3 5 1 4 2
3 5 2 5 0 3 3
3 13 5 8 7 5 4
Inner join, 1-to-1
No filtering
Matched columns (1)
Cancel
OK
Type here to search