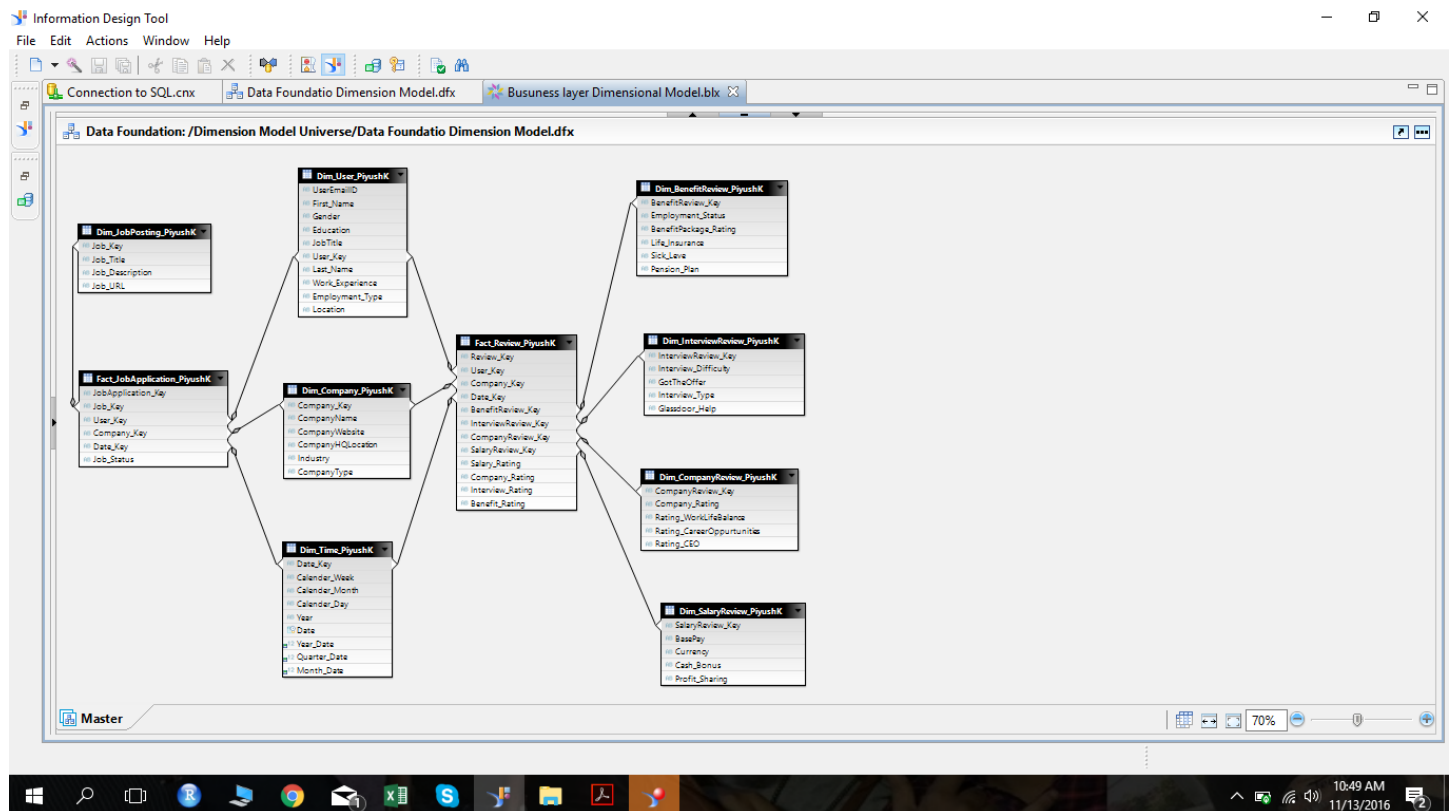


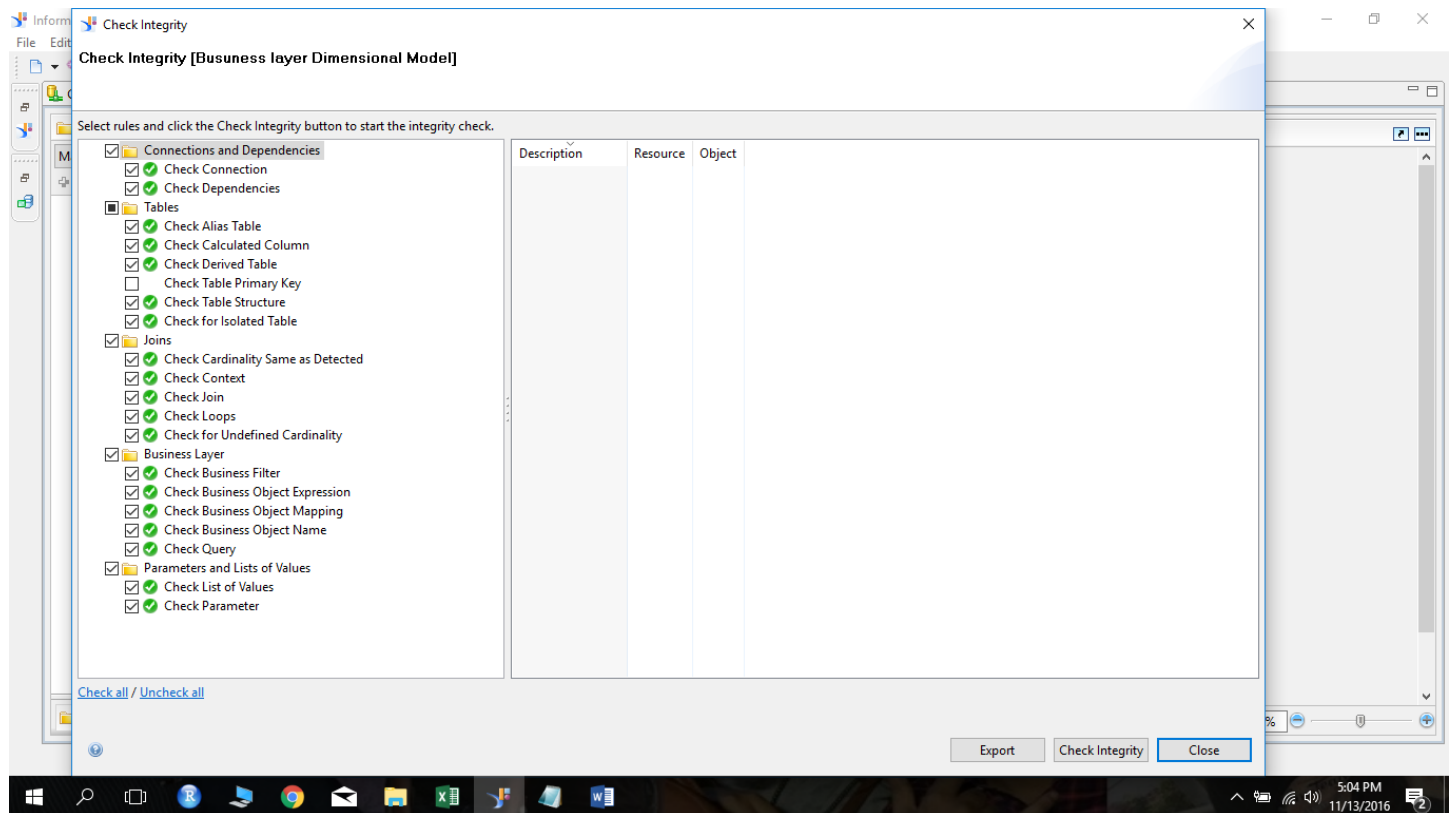
Universe Design: Glassdoor Dimensional Model Using IDT and UDT

Kulkarni, Piyush
pxk161130@utdallas.edu

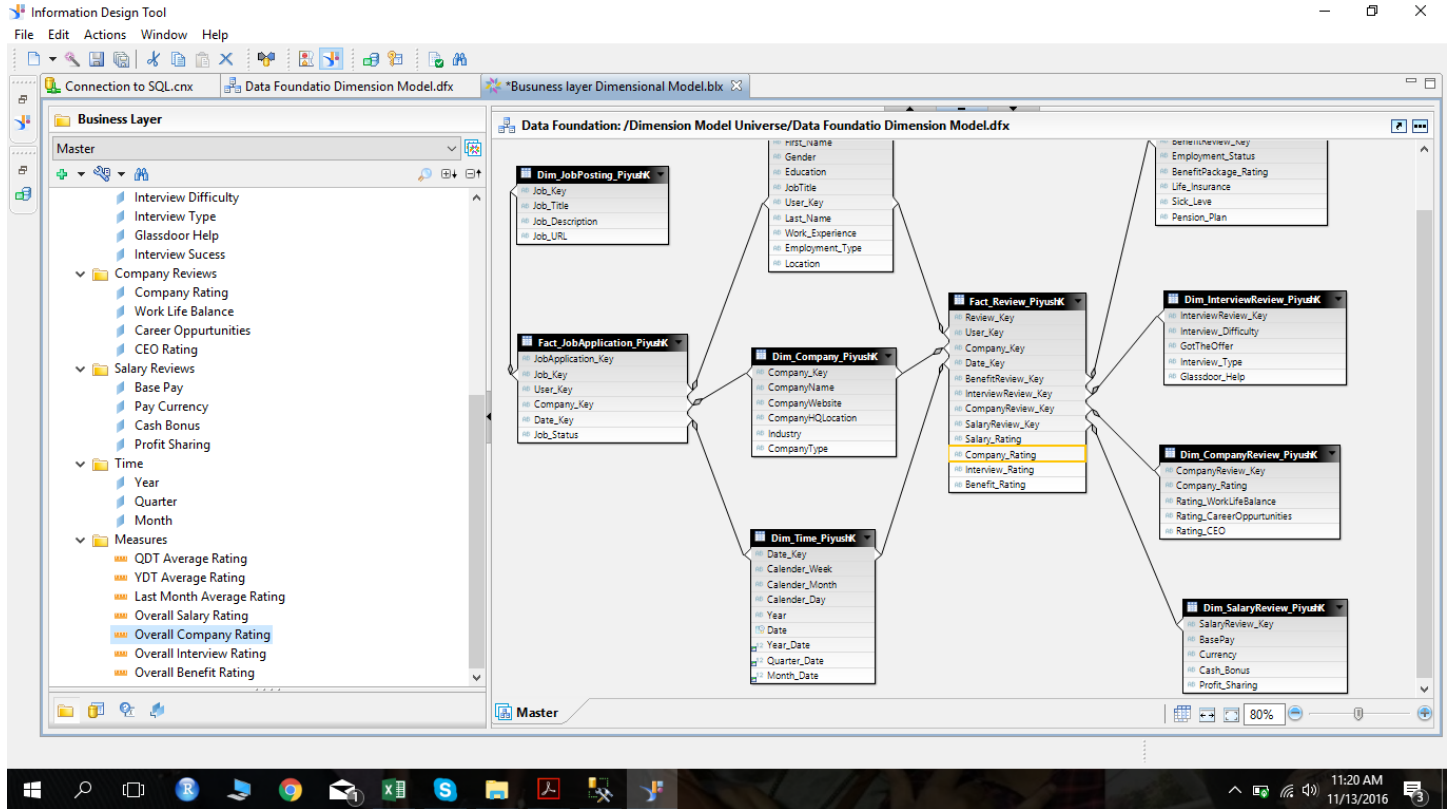
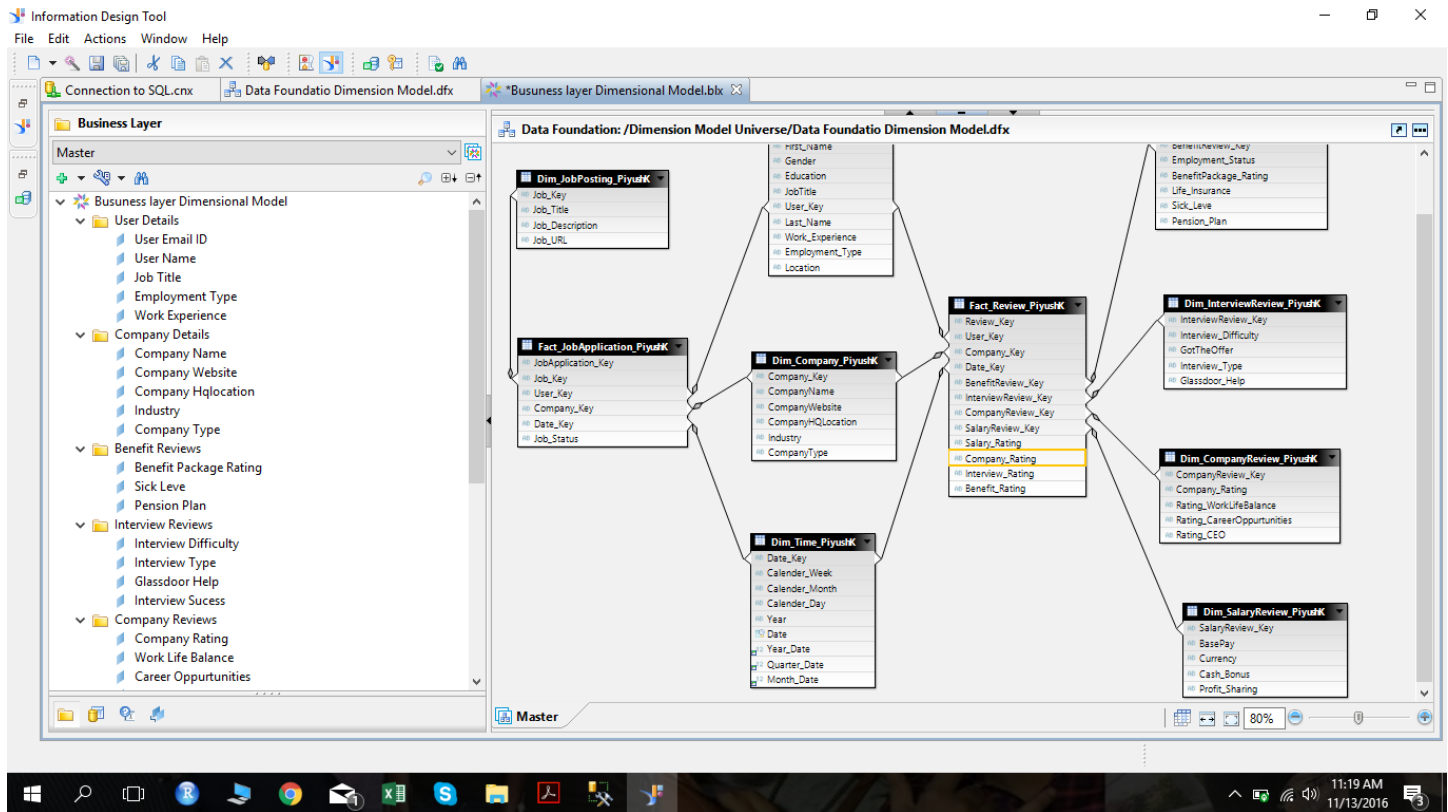
Information Design Tool Universe



Information Design Tool Parsing



Information Design Tool Objects



Calculated Field YDT

Information Design Tool

File Edit Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx View Data on [Query]

View Data on [Query] - 20 rows (168 ms) Max Rows: 200 Show Log Refresh

Raw Data Distinct values Analysis

Enter your filter Filtered rows: 20/20 Add Filter Save as file

Company Name	YDT Average Rating
American Tourister	4
Apple	2
Asus	4
Dell	1
Ford	4
Honda	3
Hyundai	5
Idea	3
JBL	2
Lenovo	4
LG	5
Logitech	3
Maruti Suzuki	3
Nivea	2
Nokia	2
Philips	5
Ponds	2
Raymond	1
Toyota	5
VIP	5

Information Design Tool

File Edit Actions Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx

Business Layer

- Master
 - Interview Difficulty
 - Interview Type
 - Glassdoor Help
 - Interview Success
 - Company Reviews
 - Company Rating
 - Work Life Balance
 - Career Opportunities
 - CEO Rating
 - Salary Reviews
 - Base Pay
 - Pay Currency
 - Cash Bonus
 - Profit Sharing
 - Time
 - Year
 - Quarter
 - Month
 - Measures
 - QDT Average Rating
 - YDT Average Rating
 - Last Month Average Rating
 - Overall Salary Rating
 - Overall Company Rating
 - Overall Interview Rating
 - Overall Benefit Rating

Measure: YDT Average Rating

Name: YDT Average Rating Type: Measure Active

Description:

Data Type: Numeric Projection Function: Delegated Show Script... Show Values...

SQL Definition

SELECT AVG(CASE WHEN @Select(Time\Year) = YEAR(GETDATE()) THEN @Select(Measures\Overall Company Rating) ELSE 0 END)

WHERE

Data Foundation: /Dimension Model Universe/Data Foundation Dimension Model.dfx

Dim_User_PyusdK

- UserEmailID
- First_Name
- Gender
- Education
- JobTitle
- User_Key
- Last_Name
- Work_Experience
- Employment_Type
- Location

Dim_BenefitReview_PyusdK

- BenefitReview_Key
- Employment_Status
- BenefitPackage_Rating
- Life_Insurance
- Sick_Leave
- Pension_Plan

Dim_JobPosting_PyusdK

- Job_Key
- Job_Title
- Job_Description
- Job_URL

Fact_Review_PyusdK

- Review_Key

Dim_InterviewReview_PyusdK

- InterviewReview_Key

QDT Calculated Field

Information Design Tool

File Edit Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx View Data on [Query]

View Data on [Query] - 20 rows (22 ms) Max Rows: 200 Show Log Refresh

Raw Data Distinct values Analysis

Enter your filter Filtered rows: 20/20 Add Filter Save as file

Company Name	QDT Average Rating
American Tourister	0
Apple	0
Asus	0
Dell	0
Ford	0
Honda	0
Hyundai	0
Idea	0
JBL	0
Lenovo	0
LG	0
Logitech	0
Maruti Suzuki	0
Nivea	0
Nokia	0
Philips	0
Ponds	0
Raymond	0
Toyota	0
VIP	0

Windows taskbar: 11:29 AM 11/13/2016

Information Design Tool

File Edit Actions Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx

Business Layer

- Master
 - Interview Difficulty
 - Interview Type
 - Glassdoor Help
 - Interview Success
 - Company Reviews
 - Company Rating
 - Work Life Balance
 - Career Opportunities
 - CEO Rating
 - Salary Reviews
 - Base Pay
 - Pay Currency
 - Cash Bonus
 - Profit Sharing
 - Time
 - Year
 - Quarter
 - Month
 - Measures
 - QDT Average Rating**
 - YDT Average Rating
 - Last Month Average Rating
 - Overall Salary Rating
 - Overall Company Rating
 - Overall Interview Rating
 - Overall Benefit Rating

Measure: QDT Average Rating

Name: QDT Average Rating

Description:

Data Type: Numeric Projection Function: Sum Show Script... Show Values...

SQL Definition

```
SELECT AVG (CASE WHEN @Select(Time\Year)=DATEPART(QQ,GETDATE()) THEN @Select(Measures\Overall Company Rating) ELSE 0 END)
```

WHERE

Data Foundation: /Dimension Model Universe/Data Foundation Dimension Model.dfx

Dim_User_PyusdK

- UserEmailID
- First_Name
- Gender
- Education
- JobTitle
- User_Key
- Last_Name
- Work_Experience
- Employment_Type
- Location

Dim_BenefitReview_PyusdK

- BenefitReview_Key
- Employment_Status
- BenefitPackage_Rating
- Life_Insurance
- Sick_Leave
- Pension_Plan

Dim_JobPosting_PyusdK

- Job_Key
- Job_Title
- Job_Description
- Job_URL

Fact_Review_PyusdK

- Review_Key

Dim_InterviewReview_PyusdK

- InterviewReview_Key

Master

Windows taskbar: 11:30 AM 11/13/2016

Last Month Calculated Field

Information Design Tool

File Edit Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx View Data on [Query]

View Data on [Query] - 20 rows (16 ms) Max Rows: 200 Show Log Refresh

Raw Data Distinct values Analysis

Enter your filter Filtered rows: 20/20 Add Filter Save as file

Company Name	Last Month Average Rating
American Tourister	0
Apple	0
Asus	0
Dell	0
Ford	0
Honda	0
Hyundai	0
Idea	0
JBL	0
Lenovo	0
LG	0
Logitech	0
Maruti Suzuki	0
Nivea	0
Nokia	0
Philips	0
Ponds	0
Raymond	0
Toyota	0
VIP	0

Information Design Tool

File Edit Actions Window Help

Connection to SQL.cnx Data Foundation Dimension Model.dfx *Business layer Dimensional Model.blx

Business Layer

- Master
 - Interview Difficulty
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 - Pay Currency
 - Cash Bonus
 - Profit Sharing
 - Time
 - Year
 - Quarter
 - Month
 - Measures
 - QDT Average Rating
 - YDT Average Rating
 - Last Month Average Rating
 - Overall Salary Rating
 - Overall Company Rating
 - Overall Interview Rating
 - Overall Benefit Rating

Measure: Last Month Average Rating

Name: Last Month Average Rating Type: Measure Active

Description:

Data Type: Numeric Projection Function: Delegated Show Script... Show Values...

SQL Definition

SELECT AVG(CASE WHEN @Select(Time\Month)=DATEPART(MM,GETDATE())-1 THEN @Select(Measures\Overall Company Rating) ELSE 0 END)

WHERE

Data Foundation: /Dimension Model Universe/Data Foundation Dimension Model.dfx

Dim_User_PyusK

- UserEmailID
- First_Name
- Gender
- Education
- JobTitle
- User_Key
- Last_Name
- Work_Experience
- Employment_Type
- Location

Dim_BenefitReview_PyusK

- BenefitReview_Key
- Employment_Status
- BenefitPackage_Rating
- Life_Insurance
- Sick_Lease
- Pension_Plan

Dim_JobPosting_PyusK

- Job_Key
- Job_Title
- Job_Description
- Job_URL

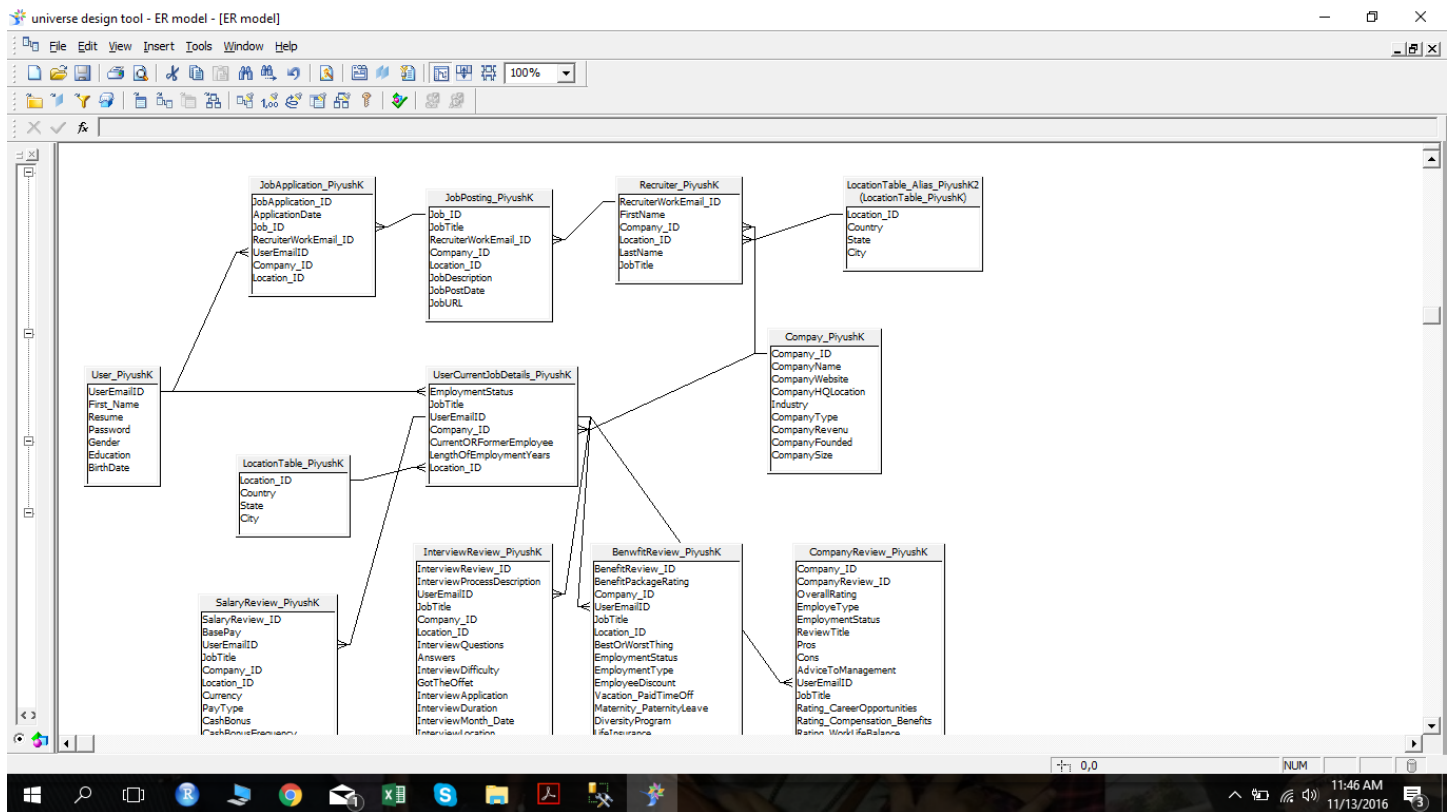
Fact_Review_PyusK

- Review_Key

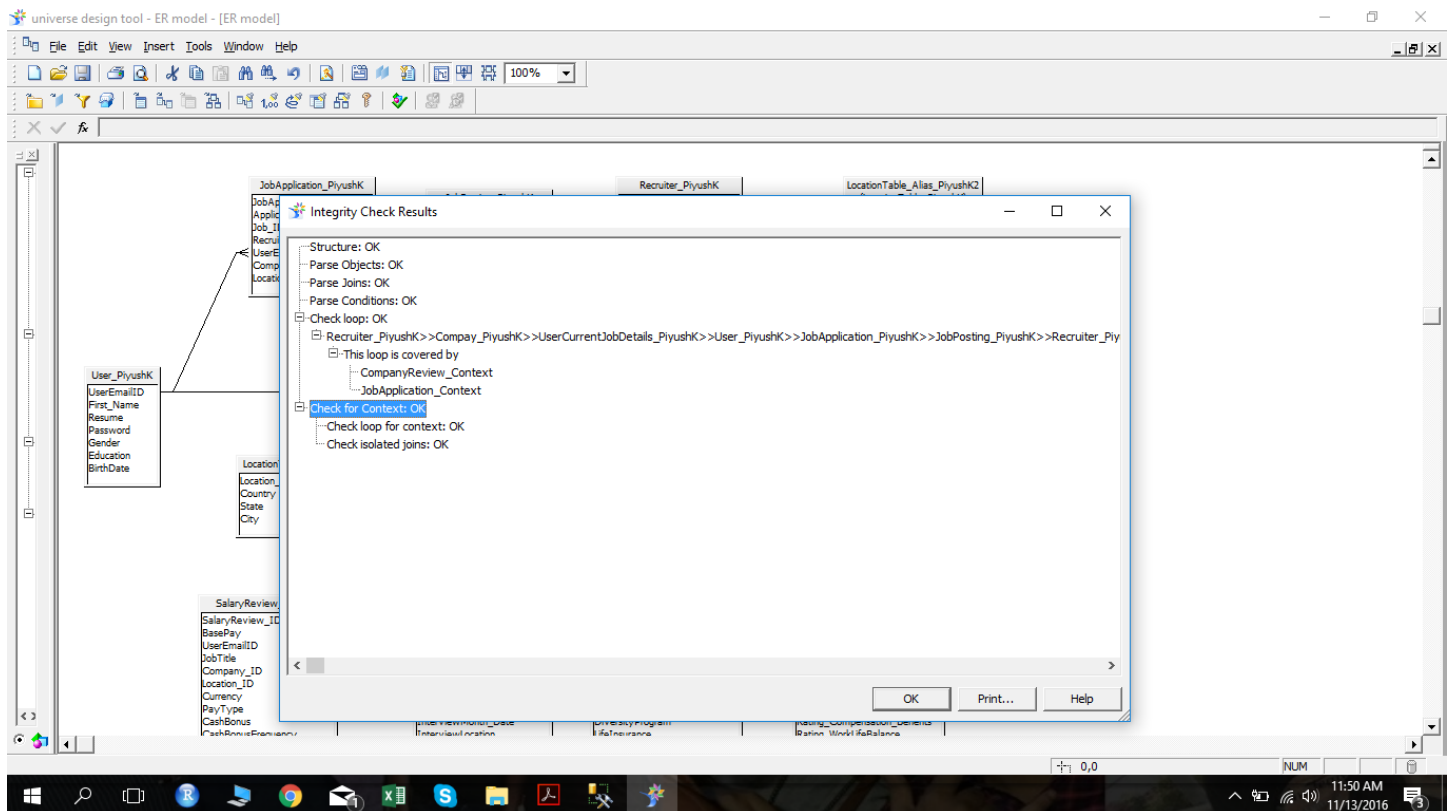
Dim_InterviewReview_PyusK

- InterviewReview_Key

Universe Design Tool Universe



Universe Design Tool Parsing



Universe Design Tool Objects

