Age - user

Attrition - user

BusinessTravel - other

DailyRate - accounting

Department - other

DistanceFromHome - user

Education - user

EducationField - user

EmployeeCount – useless?

EmployeeNumber - user

EnvironmentSatisfaction - manager

Gender - user

HourlyRate - accounting

JobInvolvement - manager

JobLevel - manager

JobRole - user

JobSatisfaction - manager

MaritalStatus - user

MonthlyIncome - accounting

MonthlyRate - accounting

NumCompaniesWorked - other

Over18 – useless?

OverTime - user

PercentSalaryHike - accounting

PerformanceRating - manager

RelationshipSatisfaction – useless?

StandardHours - user

StockOptionLevel - manager

TotalWorkingYears - manager

TrainingTimesLastYear - manager

WorkLifeBalance – useless?

YearsAtCompany - manager

YearsInCurrentRole - manager

YearsSinceLastPromotion - manager

YearsWithCurrManager - manager

SELECT \* FROM new\_schema.`cmpg323 project 2 dataset` LIMIT 0,2000;

SELECT Department,JobRole FROM new\_schema.`cmpg323 project 2 dataset` WHERE Department = 'Research & Development' group by JobRole LIMIT 0,2000;

Age - employee

Attrition – employee

BusinessTravel – other (3 types)

DailyRate - accounting

Department - other

DistanceFromHome - user

Education - user

EducationField - user

EmployeeCount – useless?

EmployeeNumber – employee(id)

EnvironmentSatisfaction - manager

Gender - employee

HourlyRate - accounting

JobInvolvement - manager

JobLevel - manager

JobRole - user

JobSatisfaction - manager

MaritalStatus - user

MonthlyIncome - accounting

MonthlyRate - accounting

NumCompaniesWorked - other

Over18 – useless?

OverTime - user

PercentSalaryHike - accounting

PerformanceRating - manager

RelationshipSatisfaction – useless?

StandardHours - user

StockOptionLevel - manager

TotalWorkingYears - manager

TrainingTimesLastYear - manager

WorkLifeBalance – useless?

YearsAtCompany - manager

YearsInCurrentRole - manager

YearsSinceLastPromotion - manager

YearsWithCurrManager - manager

Entity – Person,Place,Theme to be tracked in database

distinct MontlyIncomeEntities – Employee, EmployeePay, EmployeePerformace, EmployeeWorkHistory

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# Select statement to get tables a table ids

SELECT row\_number() OVER (Order By HourlyRate,MonthlyIncome,MonthlyRate,PercentSalaryHike,OverTime) as ID,HourlyRate,MonthlyIncome,MonthlyRate,PercentSalaryHike,OverTime FROM (Select HourlyRate,MonthlyIncome,MonthlyRate,PercentSalaryHike,OverTime from new\_schema.`cmpg323 project 2 dataset` group by HourlyRate,MonthlyIncome,MonthlyRate,PercentSalaryHike,OverTime) t;

SELECT row\_number() Over(Order By a.Department) As DepartmentId,a.Department,b.JobId FROM new\_schema.`cmpg323 project 2 dataset` As a, new\_schema.tbl\_job AS b Where a.JobRole = b.JobRole Group By a.JobRole;

SELECT row\_number() Over(Order By EmployeeNumber) AS PayId,HourlyRate,MonthlyIncome,MonthlyRate,PercentSalaryHike,OverTime FROM new\_schema.`cmpg323 project 2 dataset`;

SELECT row\_number() Over(Order By EmployeeNumber) AS HistoryID,NumCompaniesWorked,TotalWorkingYears,YearsAtCompany,YearsInCurrentRole,YearsSinceLastPromotion,TrainingTimesLastYear FROM new\_schema.`cmpg323 project 2 dataset`;