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# EMPLOYEES

## *analysis*

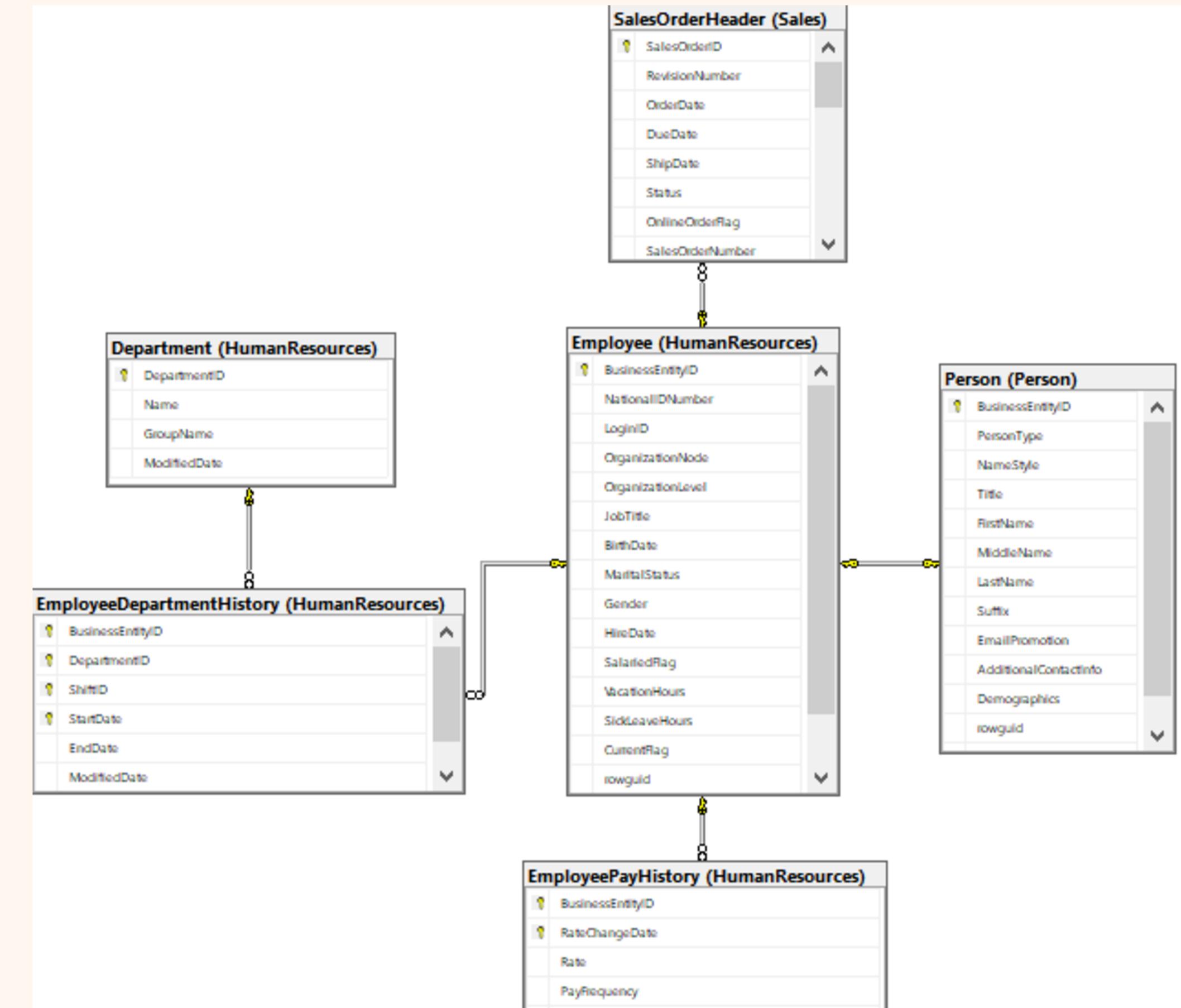


# OVERVIEW

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The goal of the employee analysis at AdventureWorks is to provide a detailed understanding of the workforce dynamics, including employee demographics, job roles, performance metrics, and trends. This analysis aims to identify strengths, areas for improvement, and opportunities for strategic enhancements in human resources practices.

# DATA collection



# data cleaning

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person	employee	department	employeedh	employeeph	salesoh
firstname	Businessentityid	departmentid	businessentityid	businessentityid	salespersonid
middleinitial	jobtitle		departmentid	payfrequence	totaldue
lastname	birthdate		shiftid		
	gender				
	marital status				
	hiredate				
	vacationhours				
	sickleavehours				

# Employee Demographics



*we have 290 employees*

## GENDER

we have 206 male :  
almost 71%

we have 84 male :  
almost 29%

## MARITAL STATUS

we have 146 married :  
almost 50%

we have 146 single :  
almost 50%

## GENDER ,MARITAL

we have 97 male,married:  
almost 33%

we have 109 male,single:  
almost 35%

we have 49 female,married:  
almost 17%

we have 35 female,single:  
almost 12%

## AGE

we have person 145  
from 33 to 45

we have person 120  
from 46 to 60

we have person 25  
from 61 to 73

# *Basic Employee* INFORMATION

we have 67  
jobtitle

we have 16 department  
department 7 have the  
most jobtitle  
departmen 16 have the  
least jobtitl

pay frequency 1: 164  
employees depend on it  
pay frequency 2: 126  
employees depend on it

we have 3 shifts  
shift from 7:00 to 15:00  
have the most  
employees

Syed E Abbas  
Kim B Abercrombie  
Hazem E Abolrous  
most commited

Patrick C Wedge  
Danielle C Tiedt  
Mindaugas J Krapauskas  
most not commited



# BEST SALES PERSONS



- ✓ Linda C Mitchell ==> 11.7M
- ✓ Jillian Carson ==> 11.3M
- ✓ Michael G Blythe ==> 10.5M
- ✓ Jae B Pak ==> 9.6M
- ✓ Tsvi Michael Reiter ==> 8M
- ✓ Shu K Ito ==> 7.3M

# SALES PERSON

## *details*

Jillian Carson : was the best of number of orders

Linda C Mitchell : was the best of number of sales

total sales:

1.females: 40866028.0777

2.males: 49909418.9154

most effective month dependent on top three salesperson :

1. 3/2014

2. 10/2011



# RECOMMENDATION

- ✓ increase number of employee in inactive department
- ✓ increase the features of other shifts
- ✓ Increase system pay frequance 2
- ✓ reward committed and most sales employee(specially old person)
- ✓ increase number of female employee due to their efficiency



**FEEL FREE TO TELL**

*Your*

**FEEDBACK**

**THANK**  
*You*

