



# **PROYECTO ENTREGA 1**

BASES DE DATOS AVANZADAS





**VENUS  
BAQUERO**  
*Ingeniería de  
sistemas*



**DANIEL  
VEGA**  
*Ingeniería  
electrónica*



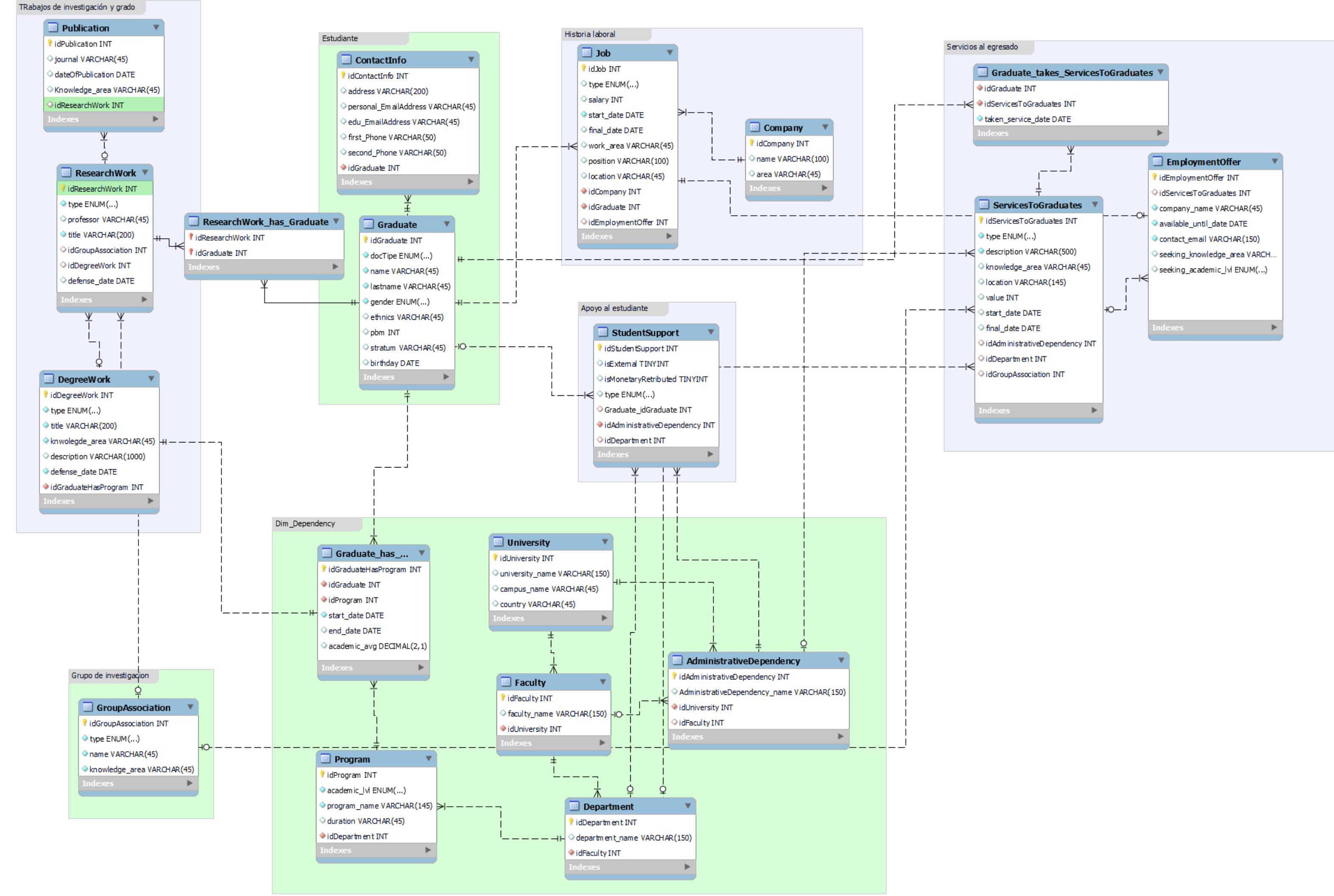
**LEONARDO  
CASTAÑEDA**  
*Msc. Ingeniería  
eléctrica*

# 1

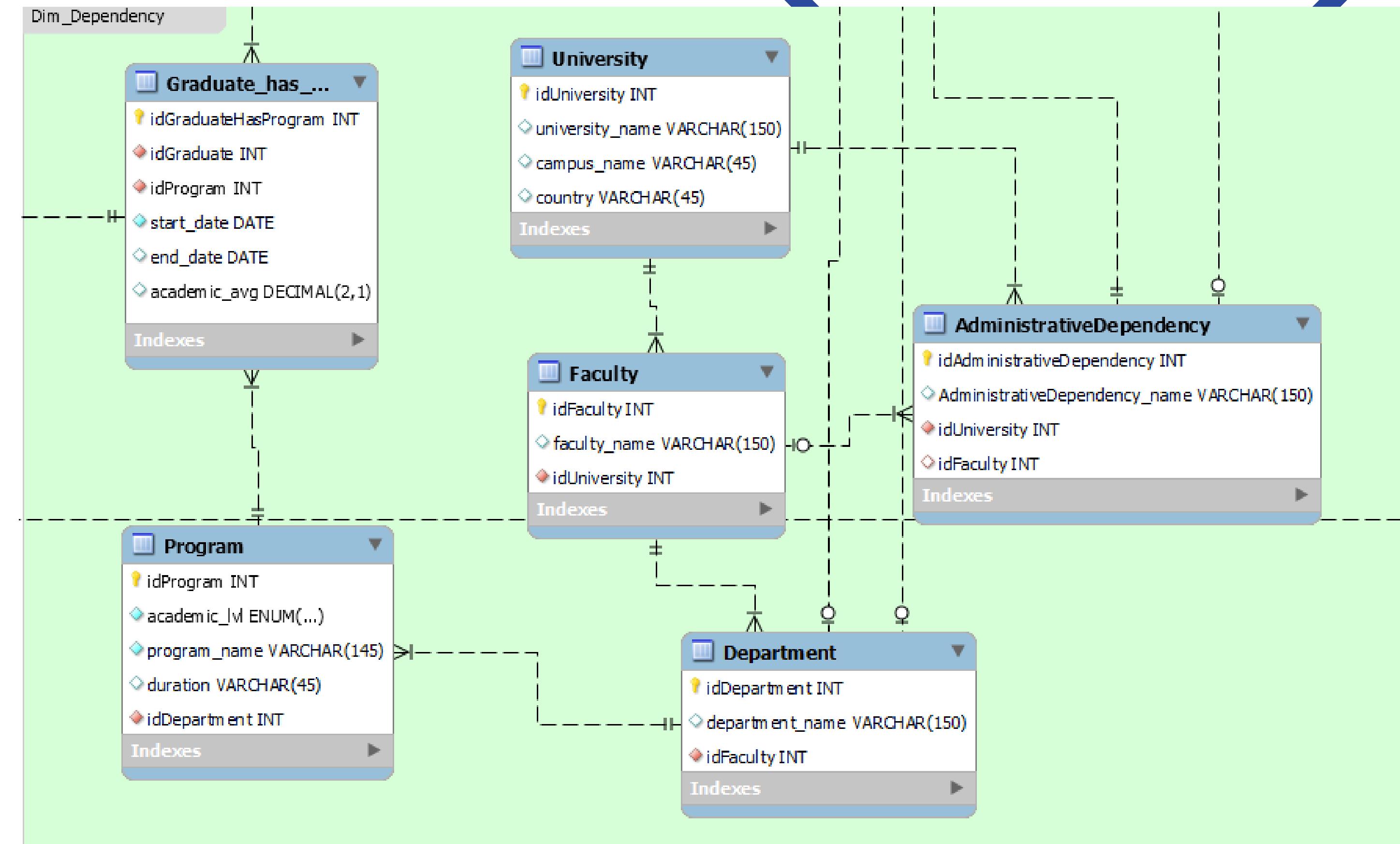
# MODELO RELACIONAL

*SISTEMA DE INFORMACIÓN DE EGRESADOS*

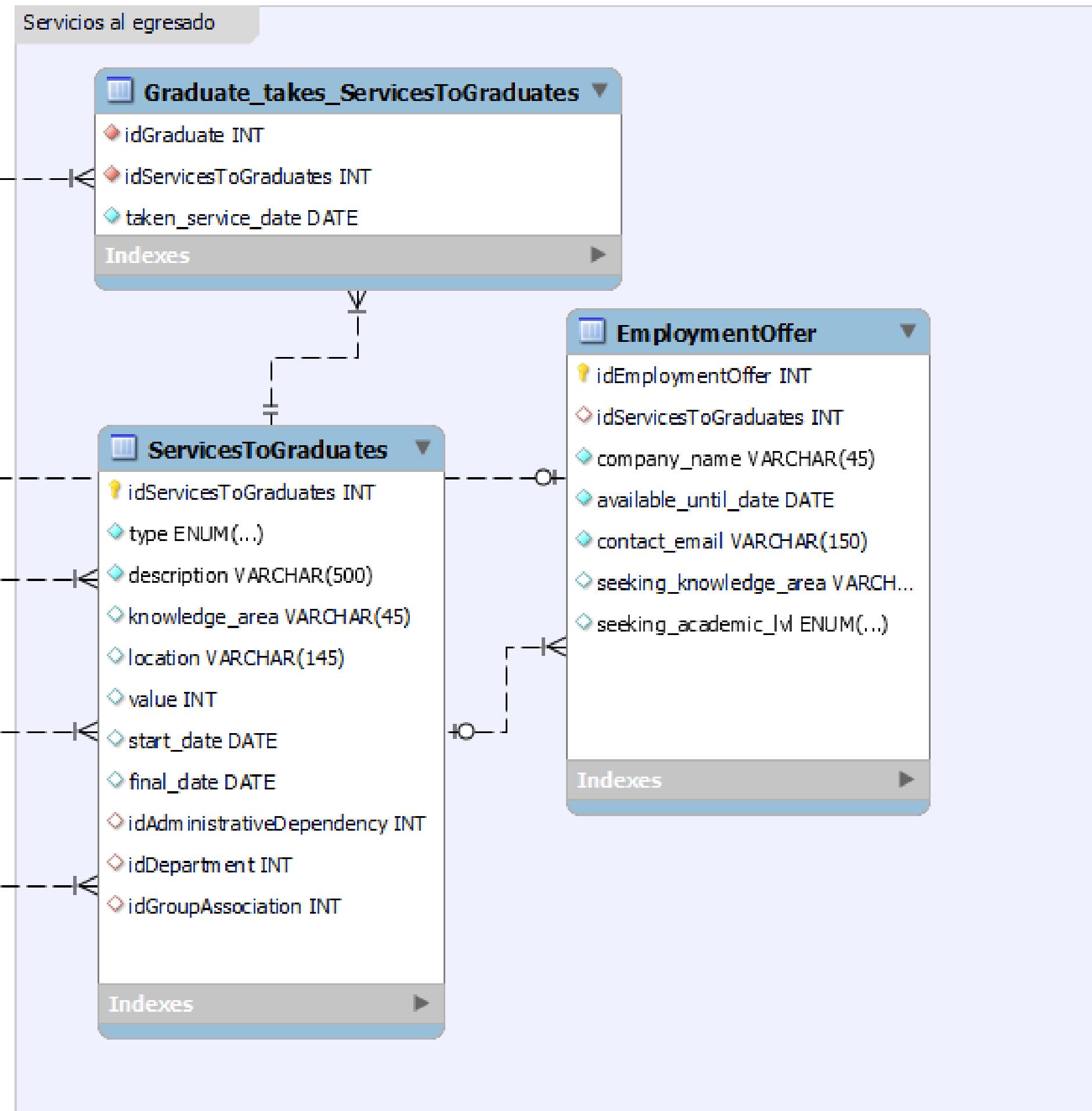




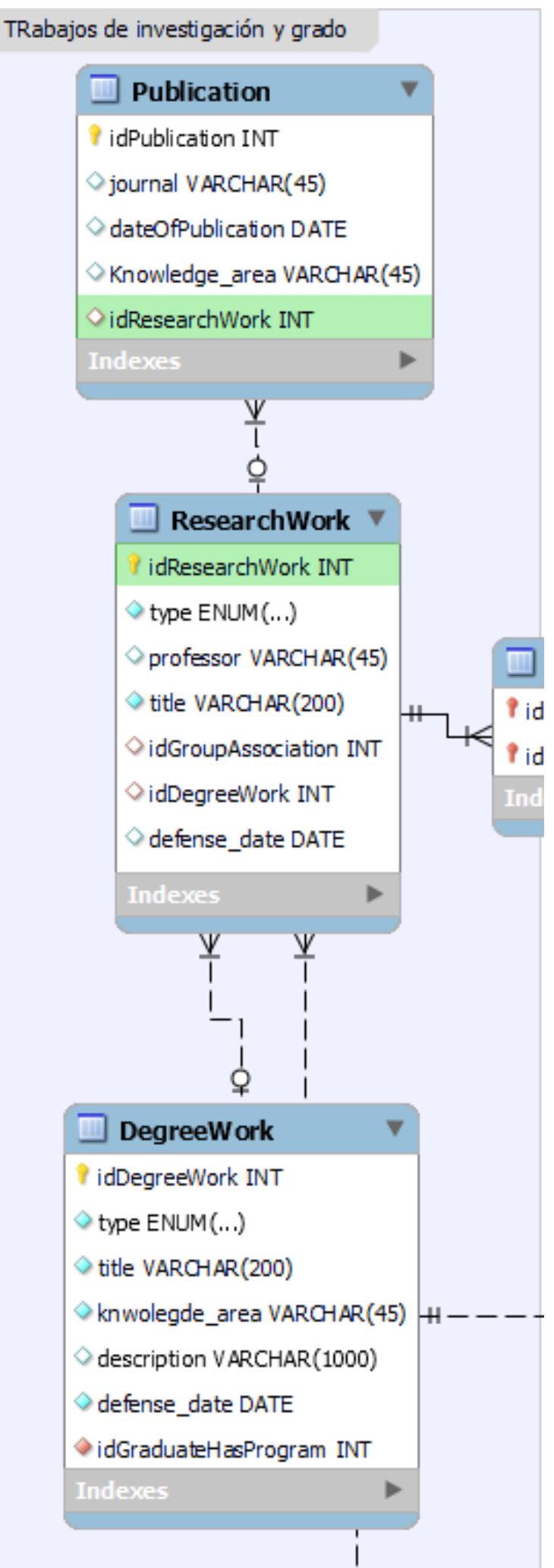
# DEPENDENCY



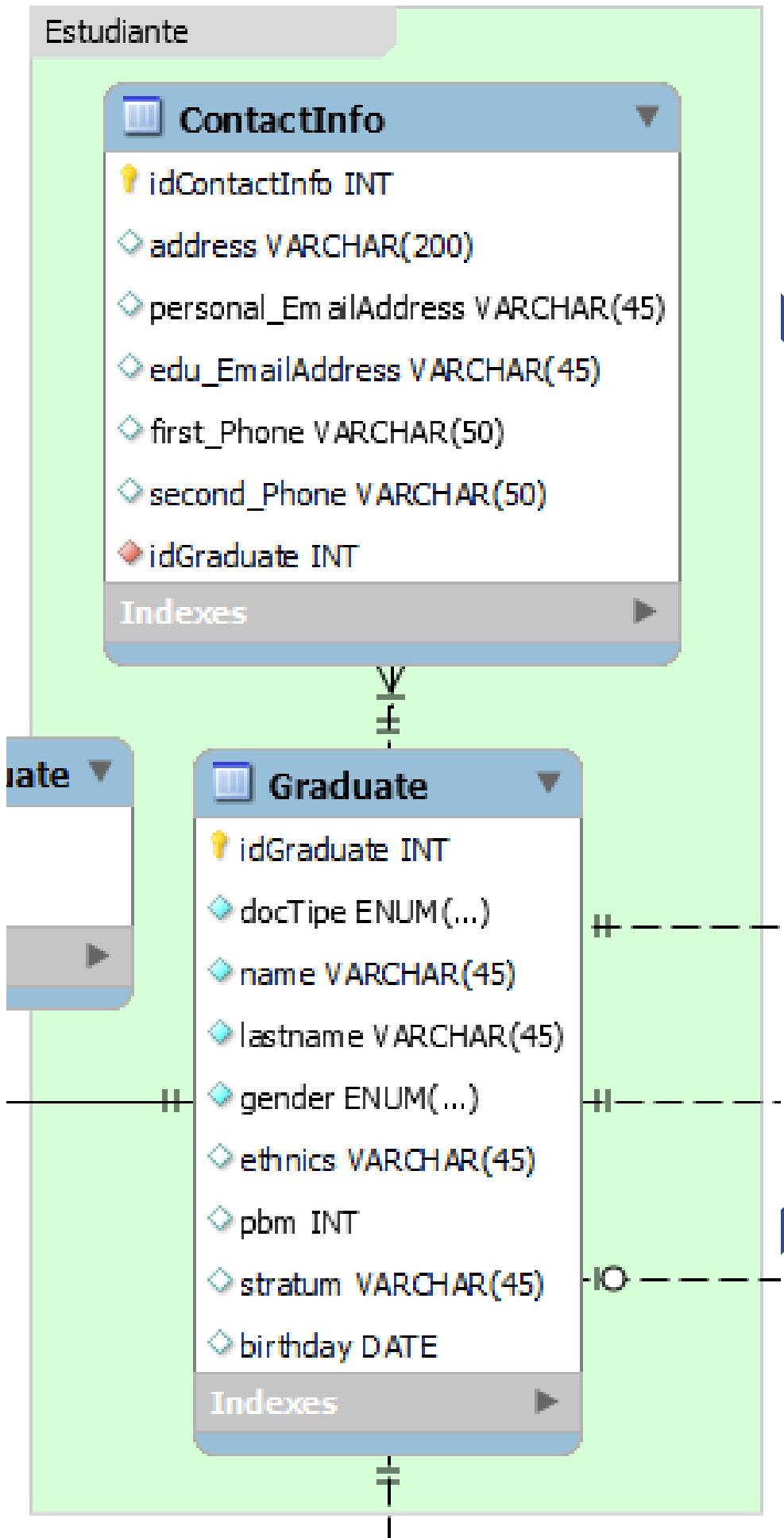
# SERVICES



# ACADEMIC WORK

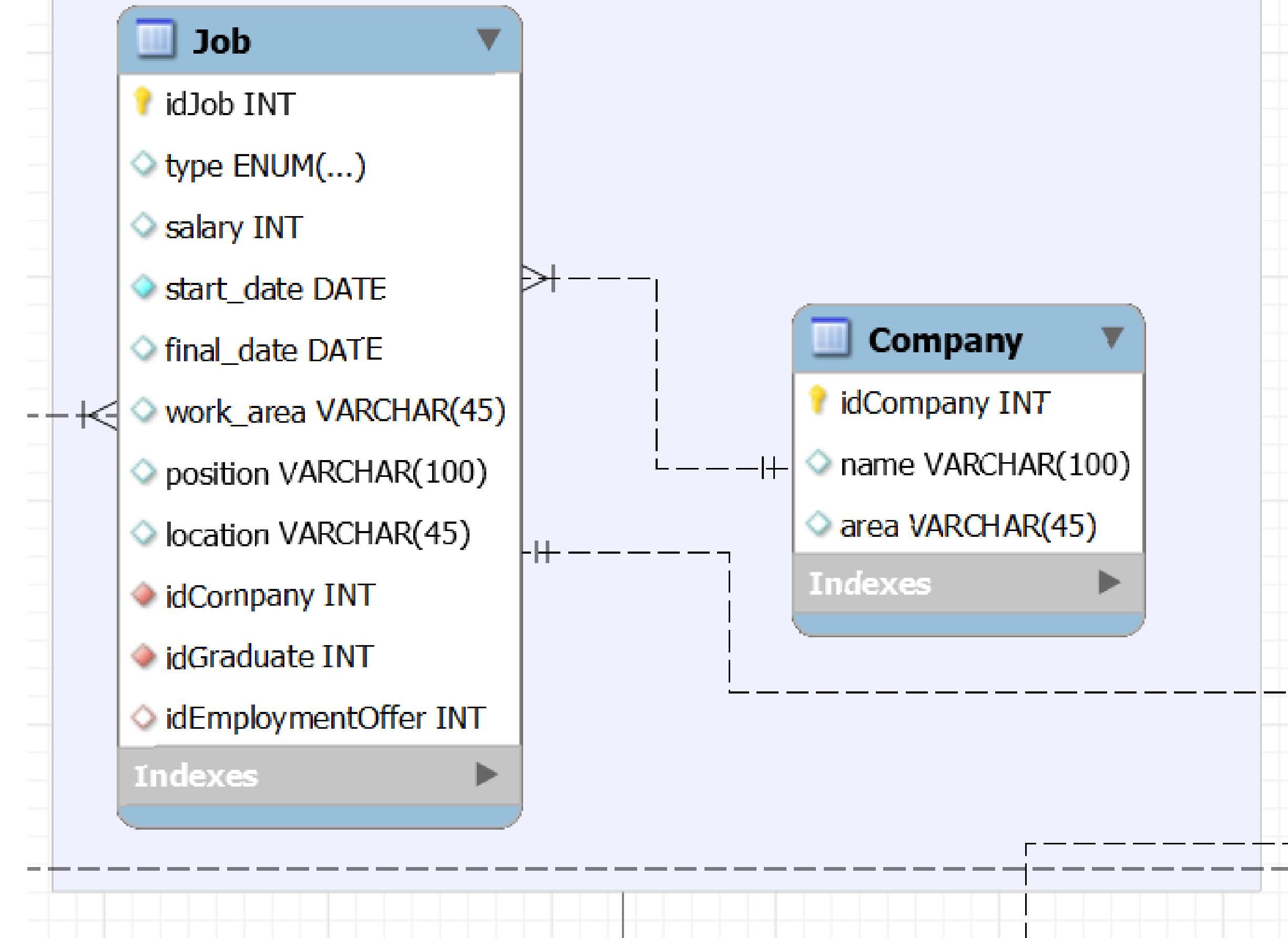


# GRADUATE PERSONAL INFO



# GRADUATE LABORAL EXPERIENCE

Historia laboral



## GRADUATE SUPPORT HISTORY

Apoyo al estudiante

### StudentSupport

idStudentSupport INT

isExternal TINYINT

isMonetaryRetributed TINYINT

type ENUM(...)

Graduate\_idGraduate INT

idAdministrativeDependency INT

idDepartment INT

### Indexes

# 2

# MODELO DIMENSIONAL

*SISTEMA DE INFORMACIÓN DE EGRESADOS*



# HECHOS

1

## ACADEMIC WORK

*Incluye información de trabajos de investigación, trabajo de grado y publicaciones de los egresados*

2

## SERVICE

*Incluye la información de los diferentes servicios ofrecidos por la universidad desde diferentes dependencias, que son o fueron tomados por egresados*

3

## STUDENT SUPPORT

*Incluye información de apoyos socioeconómicos que son o fueron aprovechados por egresados.*

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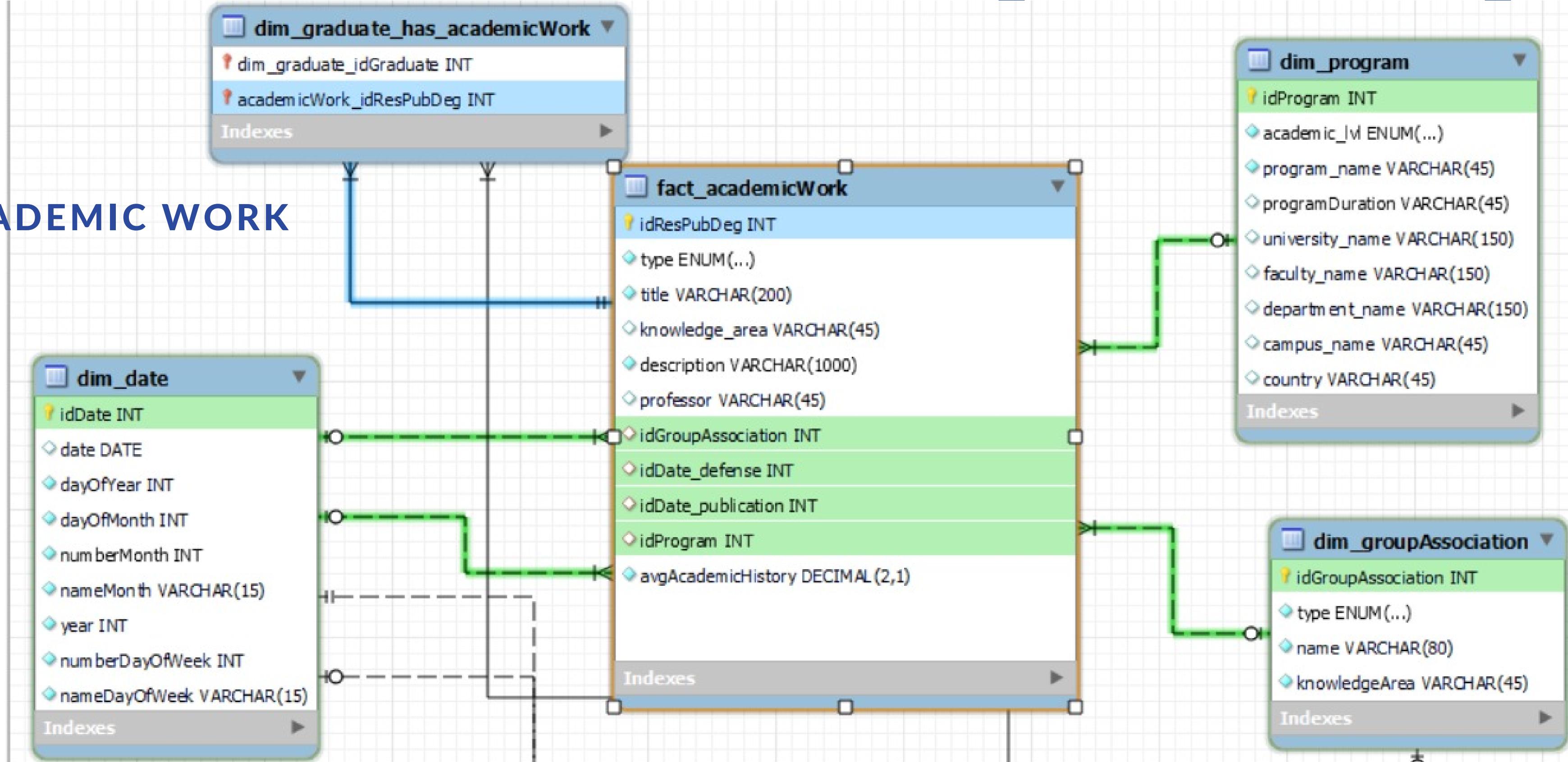
## JOB

*Incluye información de trabajos actuales o pasados de los egresados*

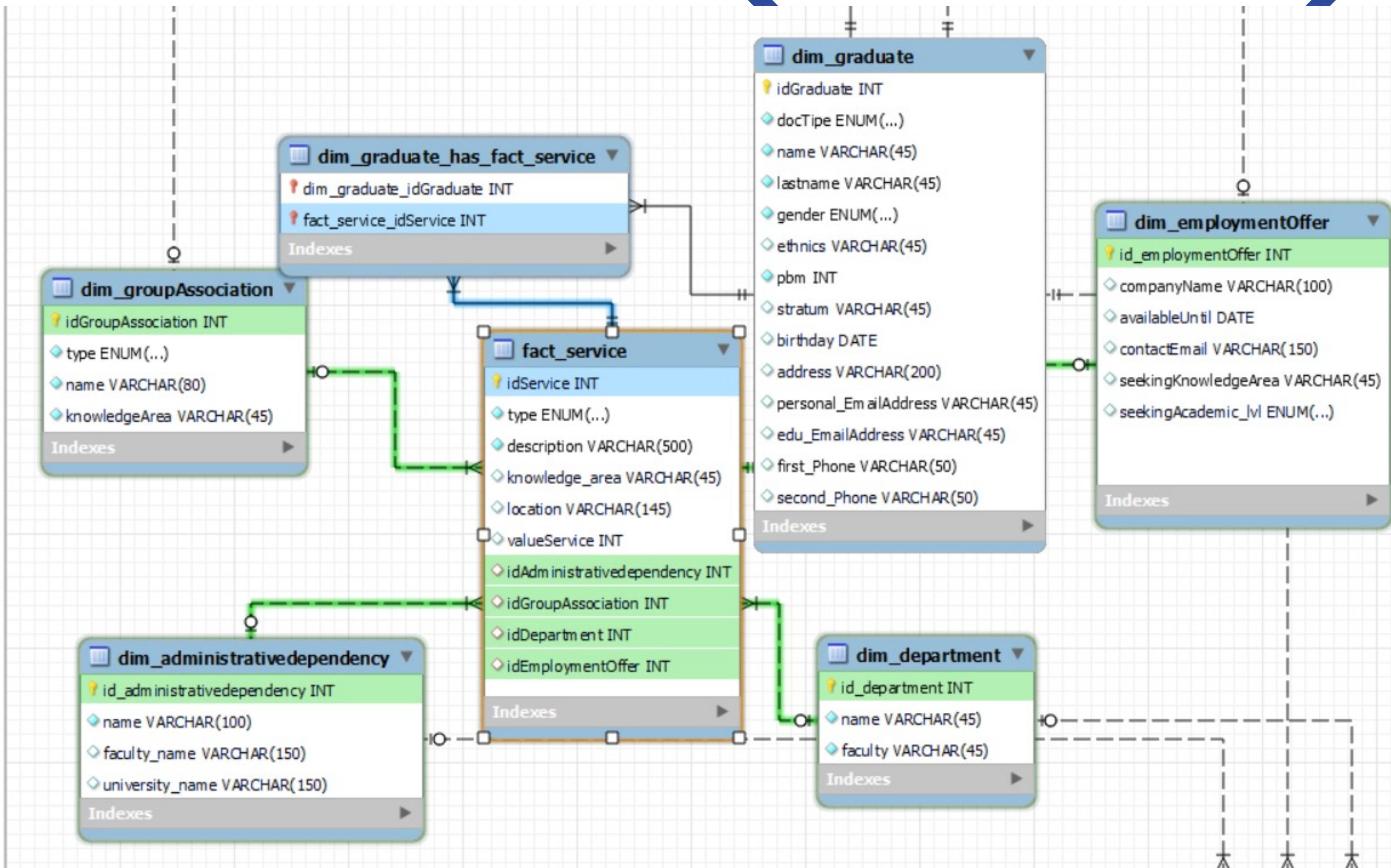
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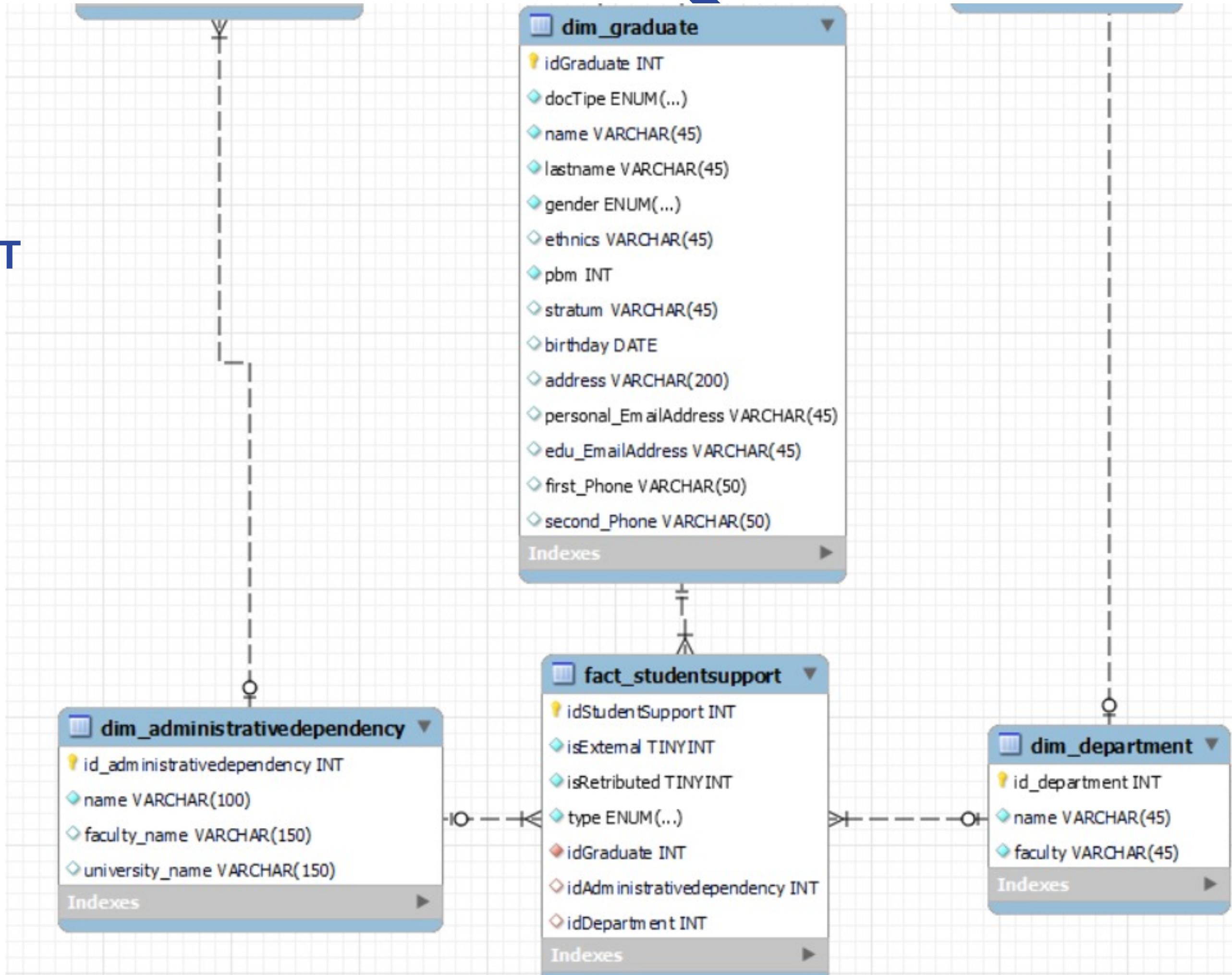
# ACADEMIC WORK



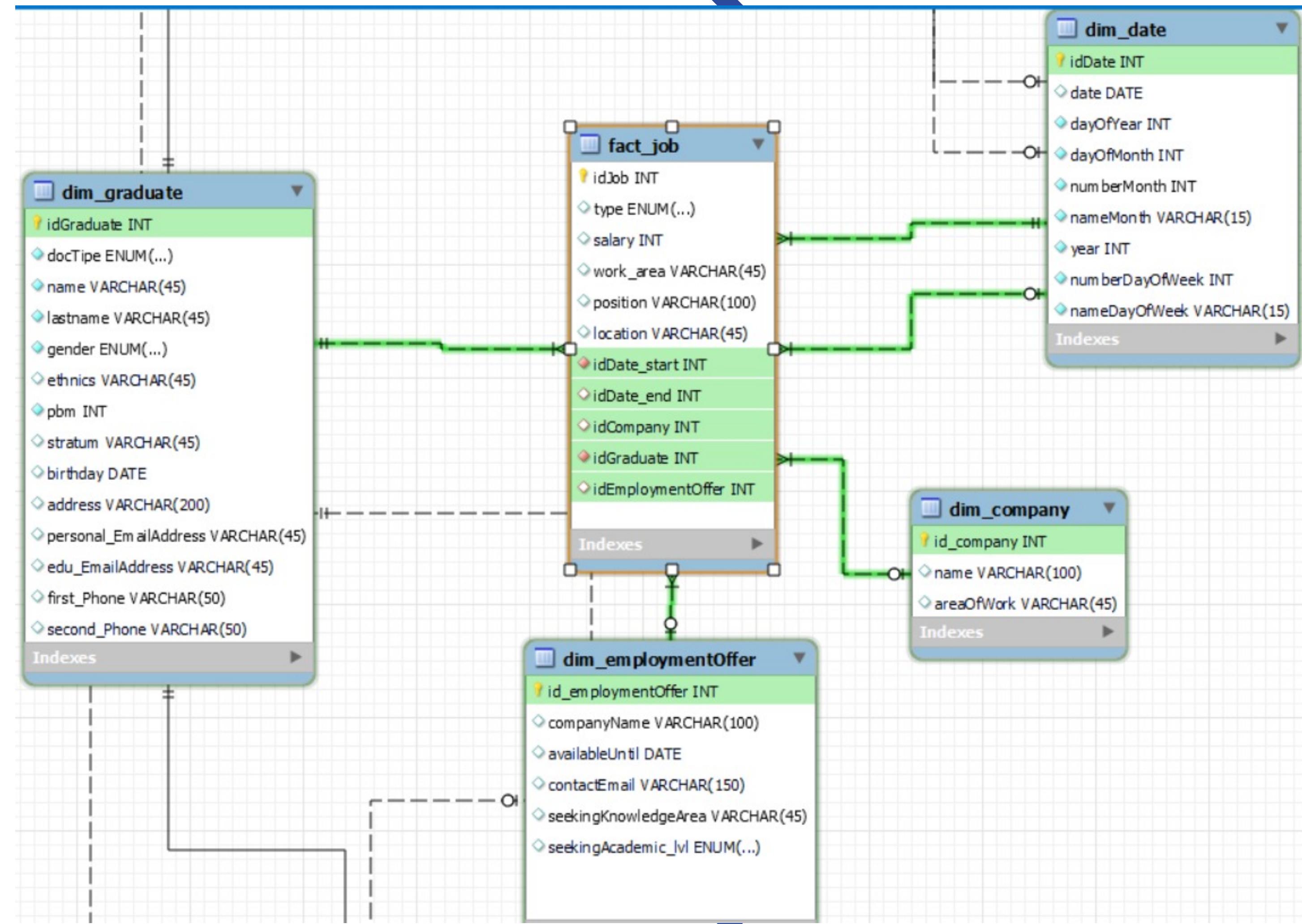
# SERVICE



# STUDENT SUPPORT



# JOB



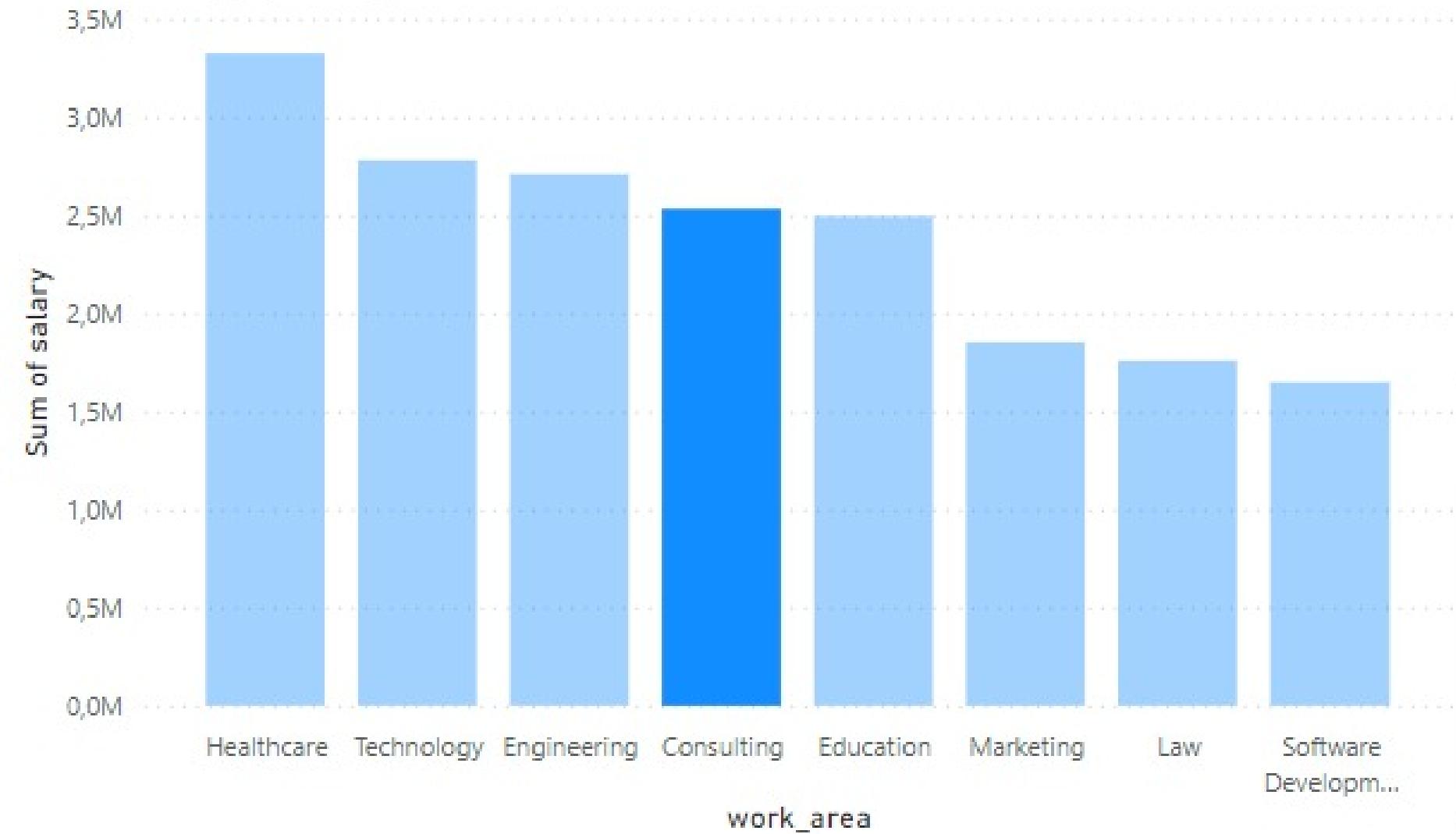
# 3

# DASHBOARD

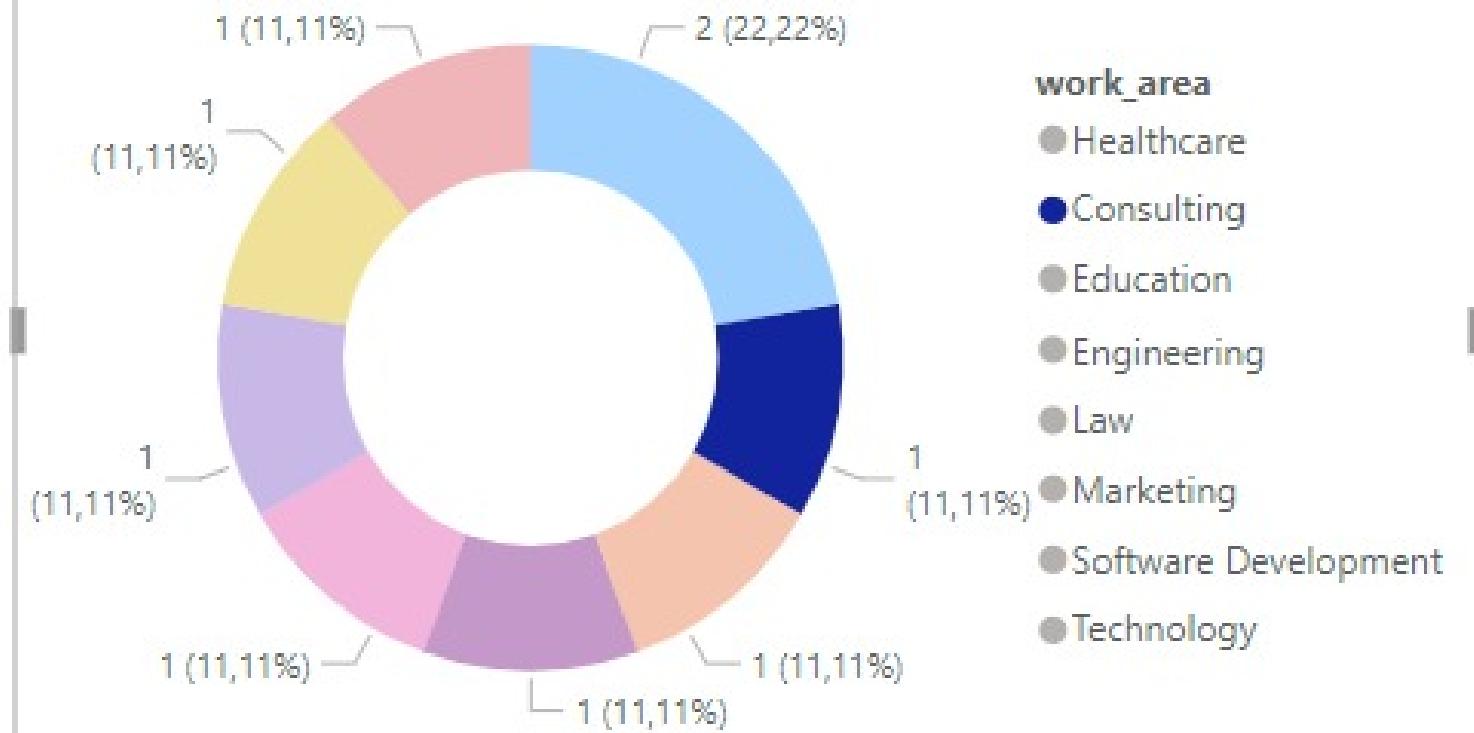
SISTEMA DE INFORMACIÓN DE EGRESADOS



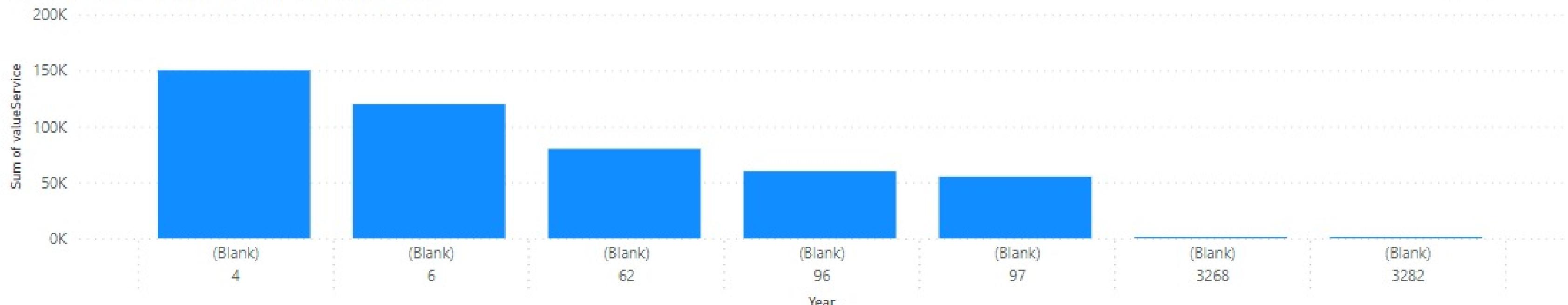
### Sum of salary by work\_area



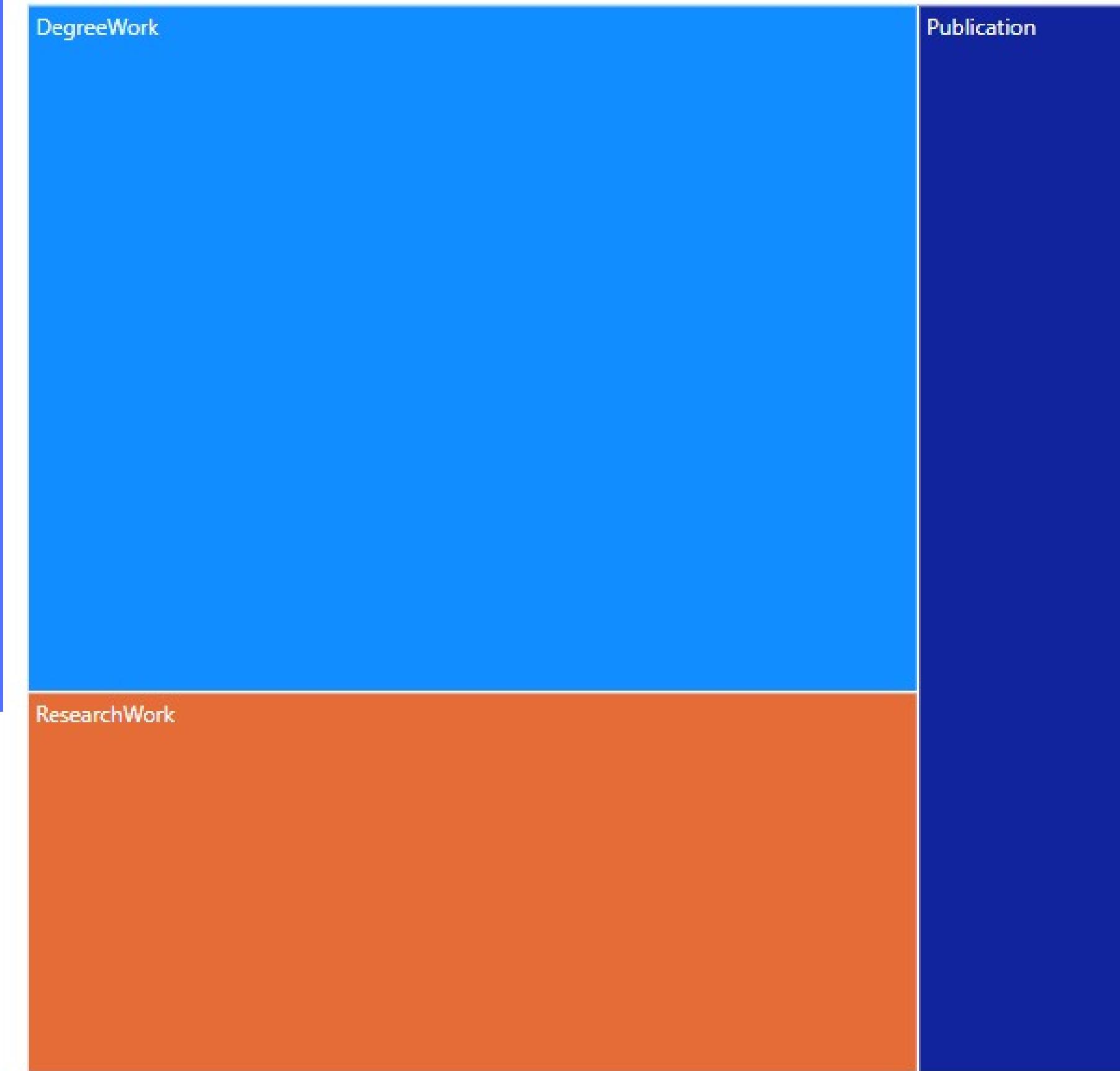
### Count of type by work\_area



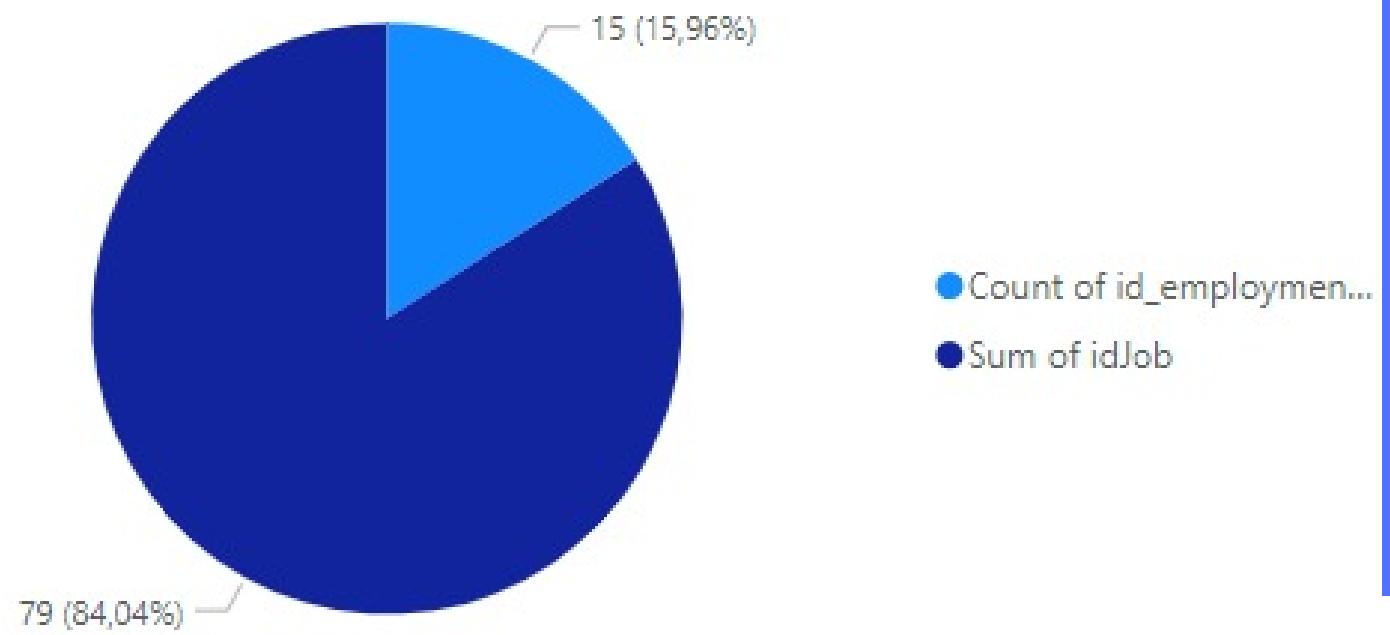
### Sum of valueService by idStartDate and Year



Count of title by type



Count of id\_employmentOffer and Sum of idJob



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**GRACIAS**

