

## Curso: Ciencia de Datos en Python

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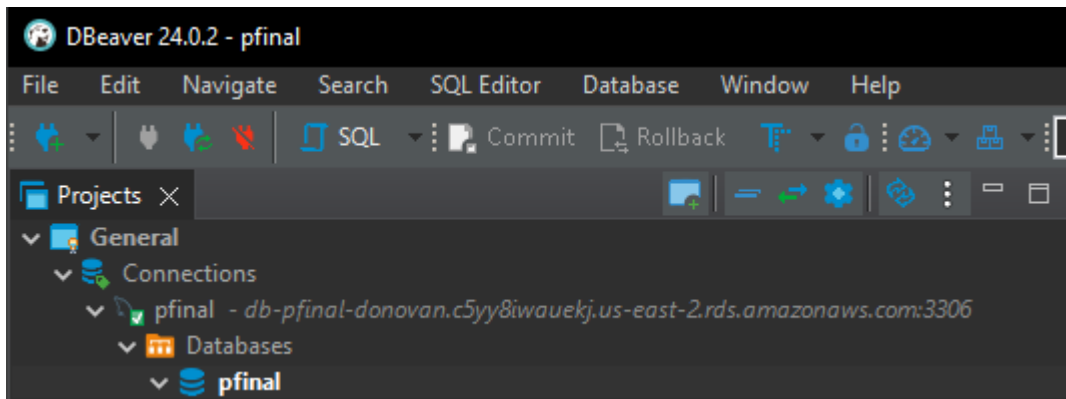
Maestría en Business Intelligence and Analytics

Universidad Galileo

## PROYECTO FINAL

Fotos del proyecto realizado:

Base de datos creada y conexión desde DBeaver:



Tablas creadas:

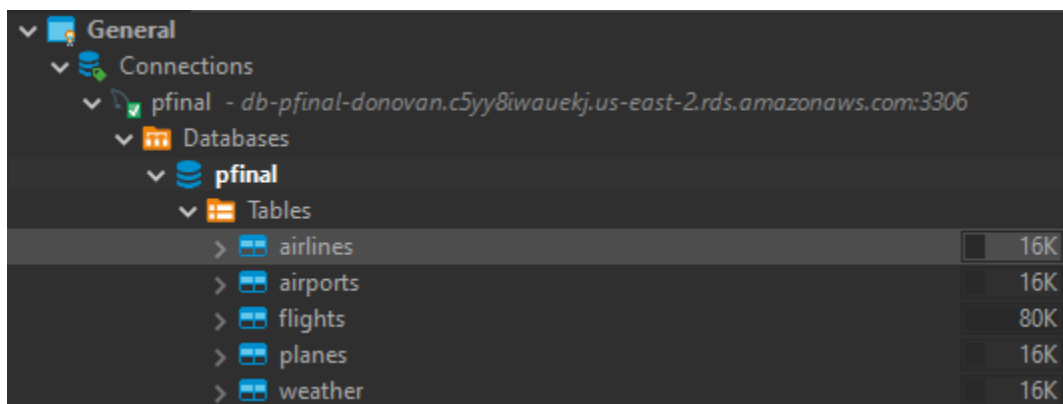
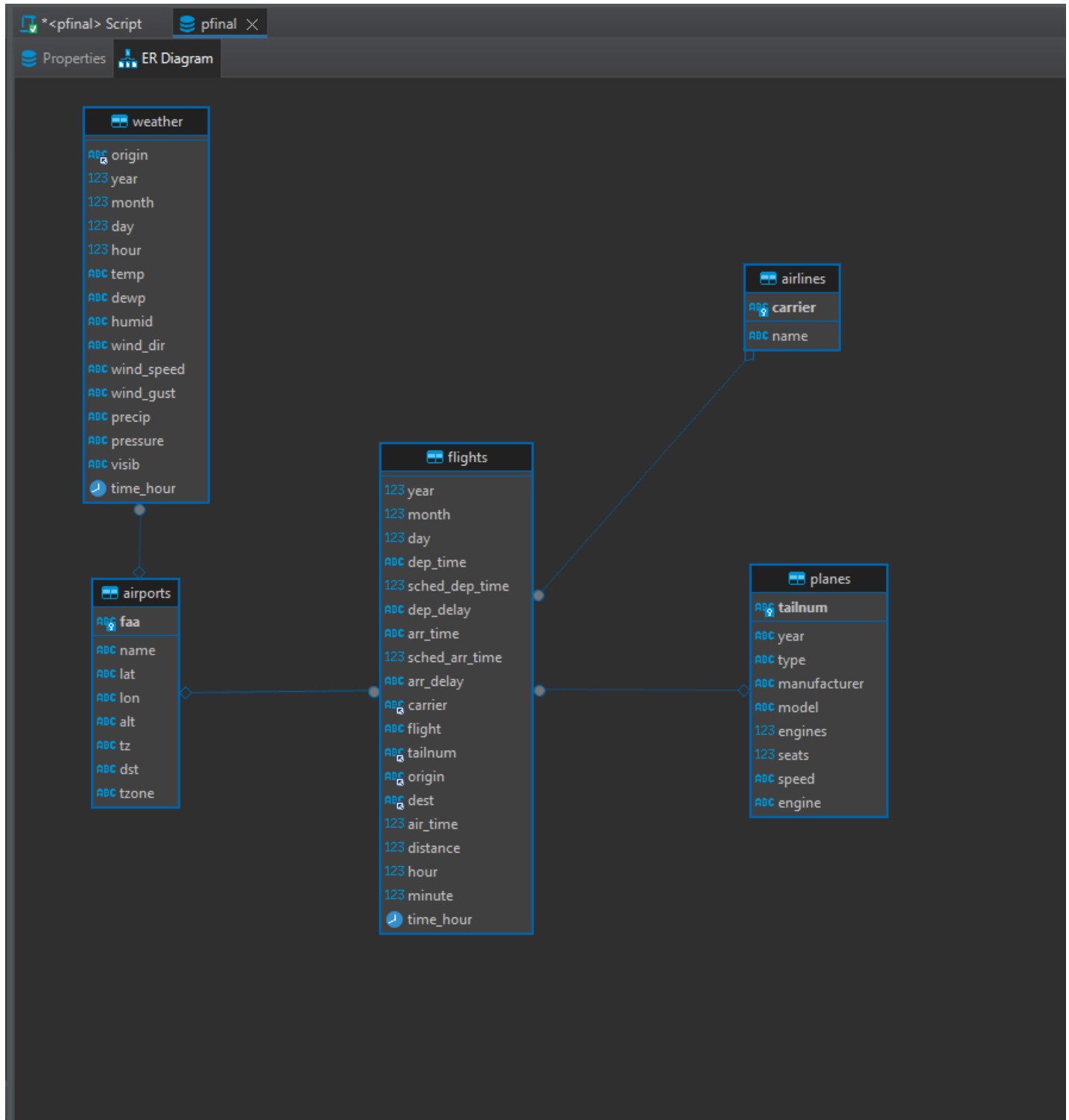


Diagrama ER:



pfinal ✕ airlines ✕ airports flights planes weather \*pfinal

Properties Data ER Diagram

Table Name:  ☐ Partitioned  
 Engine:   
 Auto Increment:   
 Charset:   
 Collation:   
 Description:

	Column Name	#	Data Type	Not Null	Auto Increment	Key
Columns	carrier	1	varchar(45)	[v]	[ ]	PRI
Constraints	name	2	text	[ ]	[ ]	
Foreign Keys						

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Properties Data ER Diagram

Table Name:  ☐ Partitioned  
 Engine:   
 Auto Increment:   
 Charset:   
 Collation:   
 Description:

	Column Name	#	Data Type	Not Null	Auto Increment	Key
Columns	faa	1	varchar(45)	[v]	[ ]	PRI
Constraints	name	2	text	[ ]	[ ]	
Foreign Keys	lat	3	varchar(45)	[ ]	[ ]	
References	lon	4	varchar(45)	[ ]	[ ]	
Triggers	alt	5	varchar(45)	[ ]	[ ]	
Indexes	tz	6	varchar(45)	[ ]	[ ]	
Partitions	dst	7	varchar(45)	[ ]	[ ]	
Statistics	tzone	8	text	[ ]	[ ]	
DDL						

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Properties Data ER Diagram

Table Name: flights Partitioned

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4\_0900\_ai\_ci

Description:

	Column Name	#	Data Type	Not Null	Auto Increment	Key
Columns	123 year	1	decimal(10,0)	[ ]	[ ]	
	123 month	2	decimal(10,0)	[ ]	[ ]	
	123 day	3	decimal(10,0)	[ ]	[ ]	
Constraints	ABC dep_time	4	varchar(45)	[ ]	[ ]	
Foreign Keys	123 sched_dep_time	5	decimal(10,0)	[ ]	[ ]	
References	ABC dep_delay	6	varchar(45)	[ ]	[ ]	
Triggers	ABC arr_time	7	varchar(45)	[ ]	[ ]	
Indexes	123 sched_arr_time	8	decimal(10,0)	[ ]	[ ]	
Partitions	ABC arr_delay	9	varchar(45)	[ ]	[ ]	
Statistics	ABC carrier	10	varchar(45)	[ ]	[ ]	MUL
DDL	ABC flight	11	varchar(45)	[ ]	[ ]	
Virtual	ABC tailnum	12	varchar(45)	[ ]	[ ]	MUL
	ABC origin	13	varchar(45)	[ ]	[ ]	MUL
	ABC dest	14	varchar(45)	[ ]	[ ]	MUL
	123 air_time	15	decimal(10,0)	[ ]	[ ]	
	123 distance	16	decimal(10,0)	[ ]	[ ]	
	123 hour	17	decimal(10,0)	[ ]	[ ]	
	123 minute	18	decimal(10,0)	[ ]	[ ]	
	time_hour	19	datetime	[ ]	[ ]	

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Properties Data ER Diagram

Table Name: planes Partitioned

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4\_0900\_ai\_ci

Description:

	Column Name	#	Data Type	Not Null	Auto Increment	Key
Columns	ABC tailnum	1	varchar(45)	[v]	[ ]	PRI
Constraints	ABC year	2	varchar(45)	[ ]	[ ]	
Foreign Keys	ABC type	3	text	[ ]	[ ]	
References	ABC manufacturer	4	text	[ ]	[ ]	
Triggers	ABC model	5	varchar(45)	[ ]	[ ]	
Indexes	123 engines	6	decimal(10,0)	[ ]	[ ]	
Partitions	123 seats	7	decimal(10,0)	[ ]	[ ]	
Statistics	ABC speed	8	varchar(45)	[ ]	[ ]	
DDL	ABC engine	9	text	[ ]	[ ]	
Virtual						

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Properties Data ER Diagram pfin

Table Name:  ☐ Partitioned

Engine:

Auto Increment:

Charset:

Collation:

Description:

	Column Name	#	Data Type	Not Null	Auto Increment	Key	Default
Columns	ABC origin	1	varchar(45)	[ ]	[ ]	MUL	
Constraints	123 year	2	decimal(10,0)	[ ]	[ ]		
Foreign Keys	123 month	3	decimal(10,0)	[ ]	[ ]		
References	123 day	4	decimal(10,0)	[ ]	[ ]		
Triggers	123 hour	5	decimal(10,0)	[ ]	[ ]		
Indexes	ABC temp	6	varchar(45)	[ ]	[ ]		
Partitions	ABC dewp	7	varchar(45)	[ ]	[ ]		
Statistics	ABC humid	8	varchar(45)	[ ]	[ ]		
DDL	ABC wind_dir	9	varchar(45)	[ ]	[ ]		
Virtual	ABC wind_speed	10	varchar(45)	[ ]	[ ]		
	ABC wind_gust	11	varchar(45)	[ ]	[ ]		
	ABC precip	12	varchar(45)	[ ]	[ ]		
	ABC pressure	13	varchar(45)	[ ]	[ ]		
	ABC visib	14	varchar(45)	[ ]	[ ]		
	time_hour	15	datetime	[ ]	[ ]		

