

Curso: Ciencia de Datos en Python

Estudiante: Donovan Caballeros / Carnet: 0734-3020

Maestría en Business Intelligence and Analytics

Universidad Galileo

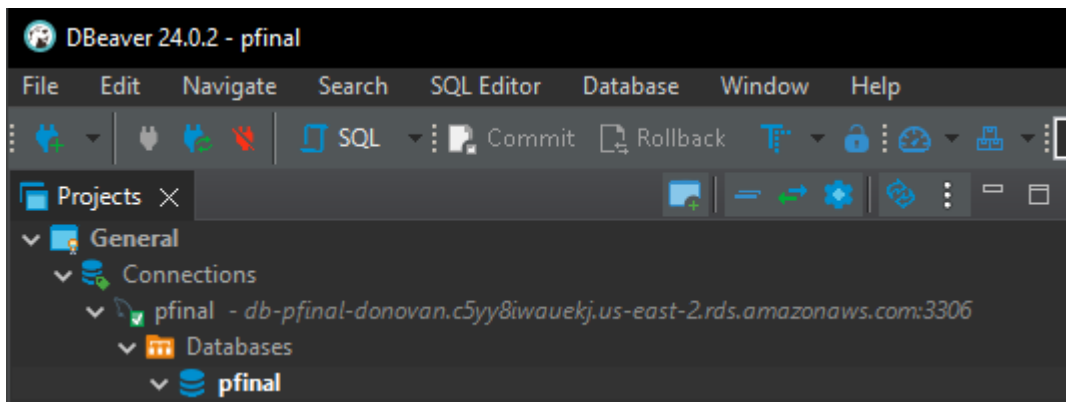
PROYECTO FINAL

LINK AL VIDEO:

<https://youtu.be/UdVS9P0C1e8>

Fotos del proyecto realizado:

Base de datos creada y conexión desde DBeaver:



Tablas creadas:

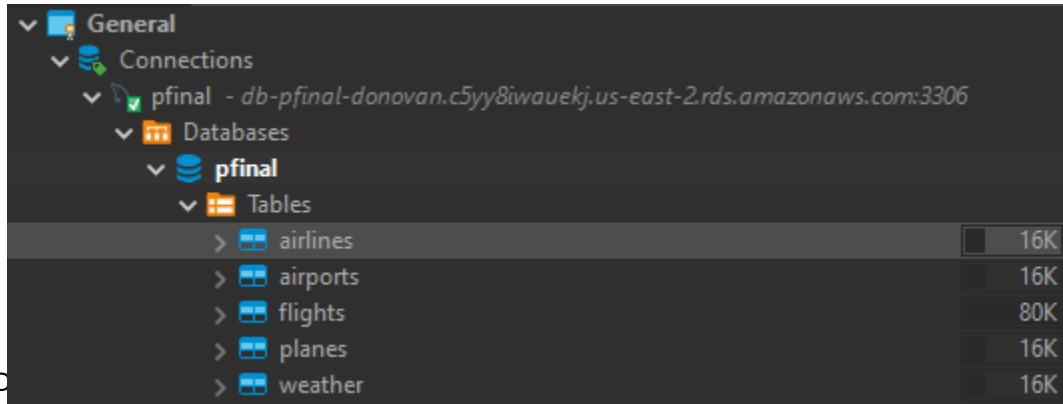
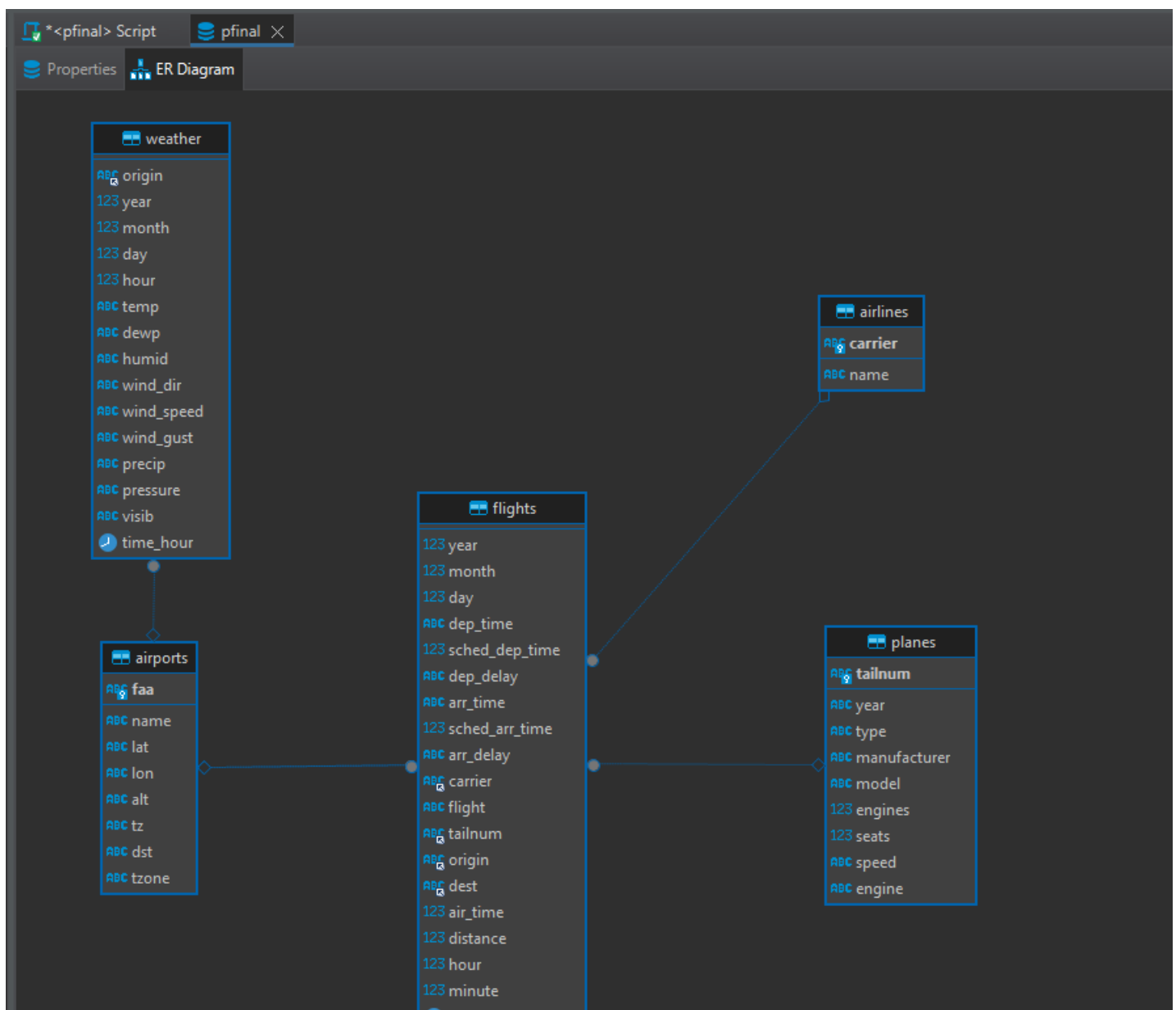


Table	Size
airlines	16K
airports	16K
flights	80K
planes	16K
weather	16K



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						

*pfinal> Script pfinal airlines airports **flights**

Properties Data ER Diagram

Table Name: ☐ Partitioned

Engine:

Auto Increment:

Charset:

Collation:

Description:

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

*<pfinal> Script pfinal airlines airports flights planes X

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	tailnum	1	varchar(45)	[v]	[]	PRI
Constraints	year	2	varchar(45)	[]	[]	
Foreign Keys	type	3	text	[]	[]	
References	manufacturer	4	text	[]	[]	
Triggers	model	5	varchar(45)	[]	[]	
Indexes	engines	6	decimal(10,0)	[]	[]	
Partitions	seats	7	decimal(10,0)	[]	[]	
Statistics	speed	8	varchar(45)	[]	[]	
DDL	engine	9	text	[]	[]	
Virtual						

*<pfinal> Script pfinal airlines airports flights planes weather X

Properties Data ER Diagram

Table Name: weather ☐ Partitioned

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4_0900_ai_ci

Description:

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