

The background of the slide features a dark blue and black color scheme with various data visualization elements. In the upper right, there is a line graph with a jagged white line. Below it, a bar chart with several vertical bars is visible. At the bottom left, a portion of a barcode is shown with the text 'NR87221'. The main title is centered within a semi-transparent white rounded rectangle.

PROYECTO SEMANA 3:

Limpieza de datos en Phytton y creación de una base de datos en SQL

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MÉTODOS:



- Limpieza de datos en Python

- Exportar a MySQL



- Crear base de datos y relaciones

- Queries para responder ciertas preguntas

```
89 -- LANZAR QUERIES.
90
91 -- 1: Hacer join de actor, old_HDD1 y film.
92 SELECT*
93 FROM actor
94 INNER JOIN old_HDD1
95 on actor.name_1=old_HDD1.name_
96 left join film
97 on old_HDD1.title=film.title;
98
99 0% 44:91
```

actor_id	name_1	title	category_id	name_1
1	PENELOPE GUINESS	ACADEMY DINOSAUR	6	PENELOPE GUINESS
1	PENELOPE GUINESS	ANACONDA CONFESSIONS	2	PENELOPE GUINESS
1	PENELOPE GUINESS	ANGELS LIFE	13	PENELOPE GUINESS
1	PENELOPE GUINESS	BULWORTH COMMANDMENTS	10	PENELOPE GUINESS
1	PENELOPE GUINESS	CHEAPER CLYDE	14	PENELOPE GUINESS
1	PENELOPE GUINESS	COLOR PHILADELPHIA	4	PENELOPE GUINESS
1	PENELOPE GUINESS	ELEPHANT TROJAN	11	PENELOPE GUINESS
1	PENELOPE GUINESS	GLEAMING JAWBREAKER	15	PENELOPE GUINESS

```
99 -- 2 crear una tebla temporal
100
101 create temporary table if not exists temp2 as (select title, description
102 from film
103 where title='MERMAID INSECTS');
104 select* from temp2;
105
106 100% 20:104
```

title	description
MERMAID INSECTS	A Lacklustre Drama of a Waitress And a Husband who must Fight a Husband in California

QUERIES SQL

```
117 -- 4: Buscar las peliculas de mas de 90 minutos
118 select title, `length`
119 from film
120 where `length`>90;
121
122 100% 48:117
```

title	length
AGENT TRUMAN	169
ALABAMA DEVIL	114
ALAMO VIDEOTAPE	126
ALASKA PHANTOM	136
ALI FOREVER	150
ALICE FANTASIA	94
ALLEY EVOLUTION	180
AMADEUS HOLY	113
AMERICAN CIRCUS	129
ANACONDA CONFESSIONS	92
ANALYZE HOOSIERS	181
ANONYMOUS HUMAN	179
ANTHEM LUKE	91
ANTITRUST TOMATOES	168

film 43

```
123 -- 5: Buscar las peliculas con rating diferente a g
124
125 SELECT film.title, rating
126 FROM actor
127 INNER JOIN old_HDD1
128 on actor.name_1=old_HDD1.name_
129 left join film
130 on old_HDD1.title=film.title
131 where rating!='G';
132
133 100% 52:123
```

title	rating
ACADEMY DINOSAUR	PG
ACADEMY DINOSAUR	PG
ADAPTATION HOLES	NC-17
ADAPTATION HOLES	NC-17
ADAPTATION HOLES	NC-17
AGENT TRUMAN	PG
AGENT TRUMAN	PG
ALABAMA DEVIL	PG-13
ALABAMA DEVIL	PG-13
ALABAMA DEVIL	PG-13
ALADDIN CALENDAR	NC-17
ALADDIN CALENDAR	NC-17
ALADDIN CALENDAR	NC-17
ALASKA PHANTOM	PG

Result 44

```
107 -- 3: Buscar los titulos en los que ha participado Penelope guiness
108 SELECT name_1, film.title
109 FROM actor
110 INNER JOIN old_HDD1
111 on actor.name_1=old_HDD1.name_
112 left join film
113 on old_HDD1.title=film.title
114 where name_1='PENELOPE GUINESS';
115
116 100% 68:107
```

name_1	title
PENELOPE GUINESS	ANACONDA CONFESSIONS
PENELOPE GUINESS	ANGELS LIFE
PENELOPE GUINESS	BULWORTH COMMANDMENTS
PENELOPE GUINESS	CHEAPER CLYDE
PENELOPE GUINESS	COLOR PHILADELPHIA
PENELOPE GUINESS	ELEPHANT TROJAN
PENELOPE GUINESS	GLEAMING JAWBREAKER
PENELOPE GUINESS	HUMAN GRAFFITI
PENELOPE GUINESS	KING EVOLUTION
PENELOPE GUINESS	LADY STAGE
PENELOPE GUINESS	LANGUAGE COWBOY
PENELOPE GUINESS	MULHOLLAND BEAST
PENELOPE GUINESS	OKLAHOMA JUMANJI
PENELOPE GUINESS	RULES HUMAN
PENELOPE GUINESS	THE LAST OF THE MOHICANS

Result 42