

Banco de Dados: Game of Thrones

Projeto do Módulo 4 do curso
Programadores Cariocas





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NOSSO SQUAD

Tabelas do Banco de Dados

```
Setting environment for using XAMPP for Windows.
programadores.carioc@NBACE29Z00 c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 101
Server version: 10.4.27-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use projeto_got;
Database changed
MariaDB [projeto_got]> show tables;
+-----+
| Tables_in_projeto_got |
+-----+
| characters_v4          |
| got_episodes_v4        |
| houses_v1              |
+-----+
3 rows in set (0.001 sec)
```

Tabela 1

PERGUNTA 1 - Quantos episódios tiveram notas maiores que 8?

```
MariaDB [projeto_got]> select count(rating) from got_episodes_v4 where rating > 8;
+-----+
| count(rating) |
+-----+
|           66 |
+-----+
1 row in set (0.001 sec)

MariaDB [projeto_got]>
```

Tabela 1

PERGUNTA 2 - Quantos episódios tiveram notas abaixo de 7?

```
MariaDB [projeto_got]> select count(rating) from got_episodes_v4 where rating < 7;
```

```
+-----+  
| count(rating) |  
+-----+  
|              3 |  
+-----+
```

```
1 row in set (0.001 sec)
```

```
MariaDB [projeto_got]>
```

Tabela 1

PERGUNTA 3 - Qual o total de episódios?

```
MariaDB [projeto_got]> select count(episode) from got_episodes_v4;
```

count(episode)
73

```
1 row in set (0.001 sec)
```

Tabela 1

GRÁFICO 1

Gráfico 1

tabela 1 – perguntas 1 a 3

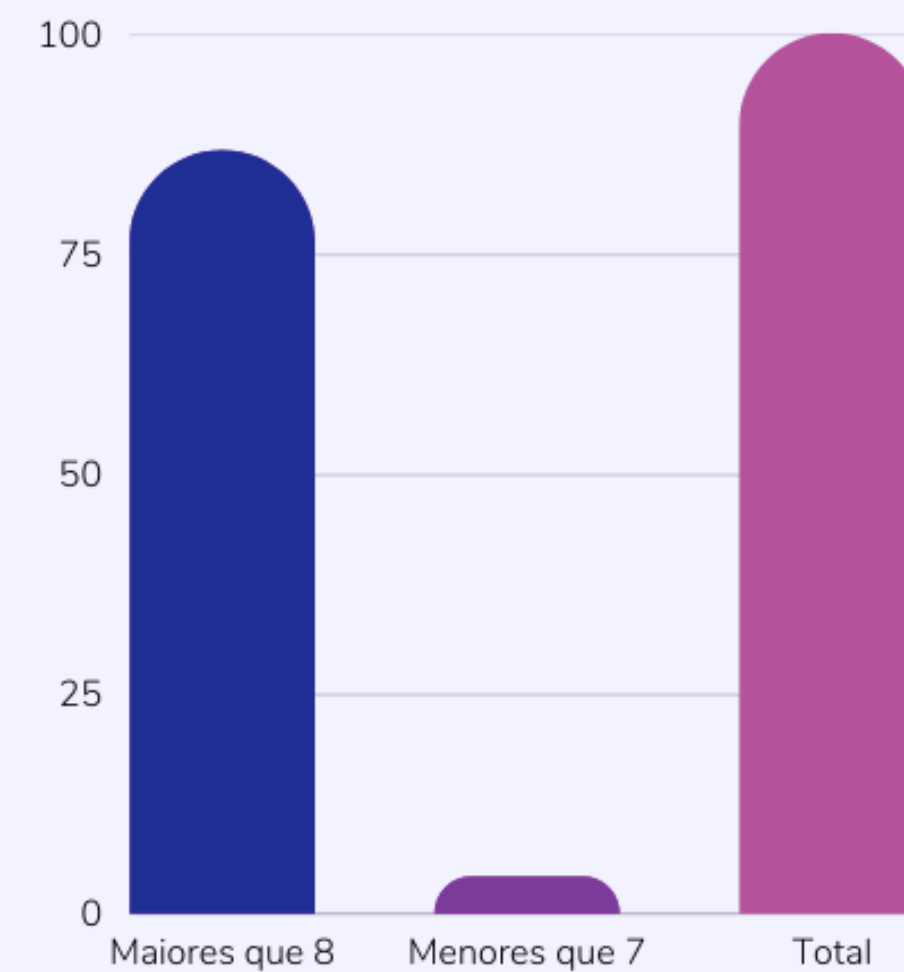
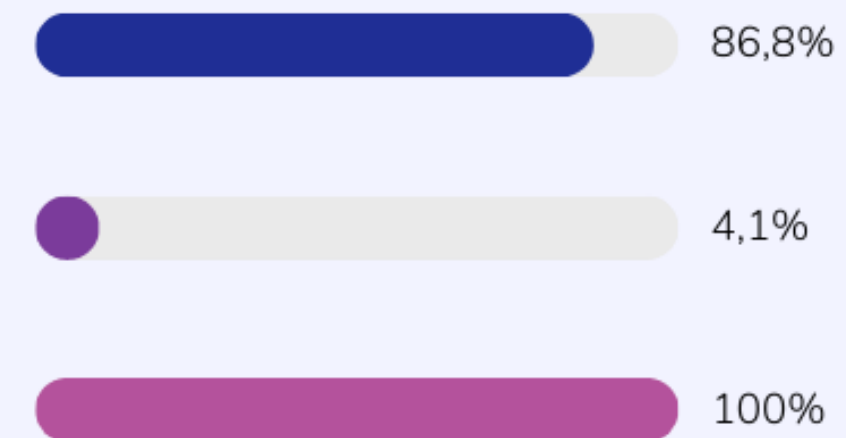
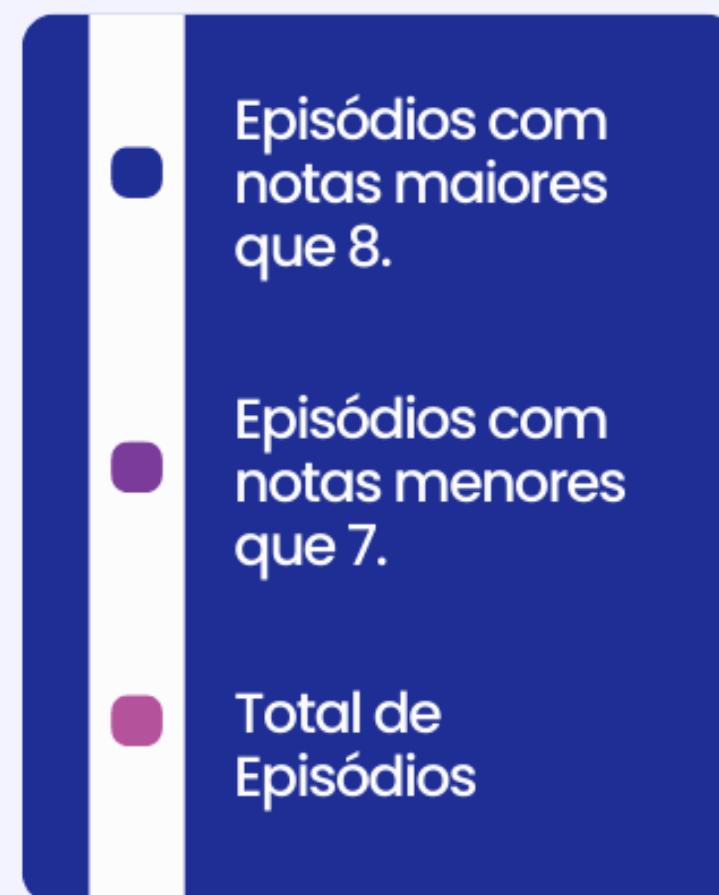


Tabela 1

PERGUNTA 4 - Quantos episódios George R. R. Martin escreveu na série?

```
MariaDB [projeto_got]> select season, episode, writer_1 from got_episodes_v4 where writer_1 = "george r.r. martin" limit 10;
```

season	episode	writer_1
2	1	George R.R. Martin
2	2	George R.R. Martin
2	3	George R.R. Martin
2	4	George R.R. Martin
2	5	George R.R. Martin
2	6	George R.R. Martin
2	7	George R.R. Martin
2	8	George R.R. Martin
2	9	George R.R. Martin
2	10	George R.R. Martin

```
10 rows in set (0.001 sec)
```



```
MariaDB [got]> select writer_1, count(episode) from got_episodes_v4
-> where writer_1 = "George R.R. Martin";
```

```
+-----+-----+
| writer_1 | count(episode) |
+-----+-----+
| George R.R. Martin | 63 |
+-----+-----+
1 row in set (0.001 sec)
```

```
MariaDB [got]> select season, count(episode), writer_1 from got_episodes_v4
-> where writer_1 = 'George R.R. Martin'
-> group by season;
```

```
+-----+-----+-----+
| season | count(episode) | writer_1 |
+-----+-----+-----+
| 2 | 10 | George R.R. Martin |
| 3 | 10 | George R.R. Martin |
| 4 | 10 | George R.R. Martin |
| 5 | 10 | George R.R. Martin |
| 6 | 10 | George R.R. Martin |
| 7 | 7 | George R.R. Martin |
| 8 | 6 | George R.R. Martin |
+-----+-----+-----+
7 rows in set (0.001 sec)
```

```
MariaDB [got]> _
```

PERGUNTA 5 - Mostrar
quantidade de episódios
agrupados por temporada e
escritas por George R. R. Martin:

Tabela 1

GRÁFICO 2

Gráfico 2

tabela 1 – perguntas 4 e 5

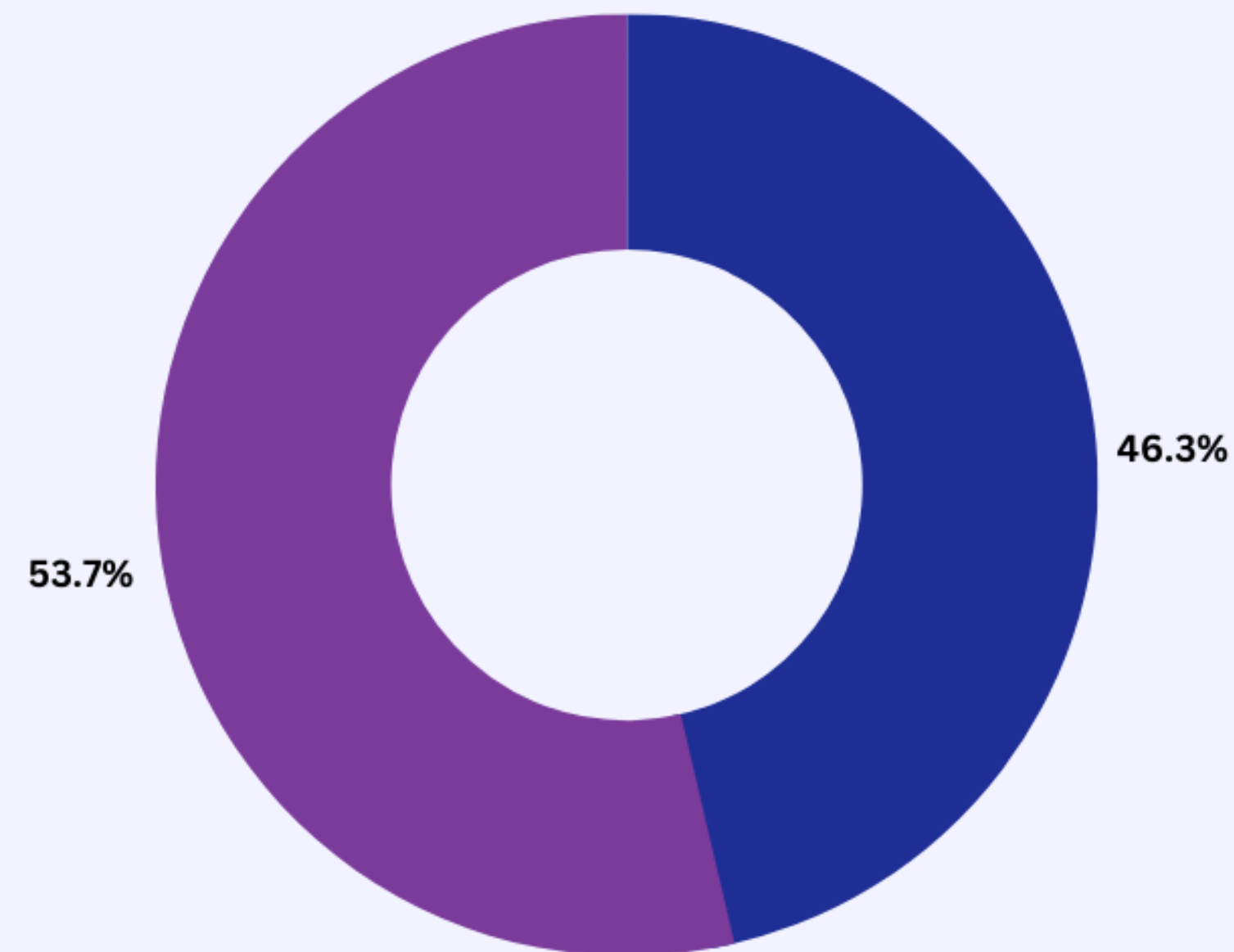


Tabela 1

GRÁFICO 2

Gráfico 2

tabela 1 – perguntas 4 e 5

Episódios por
temporada escritos
por George R. R.
Martin

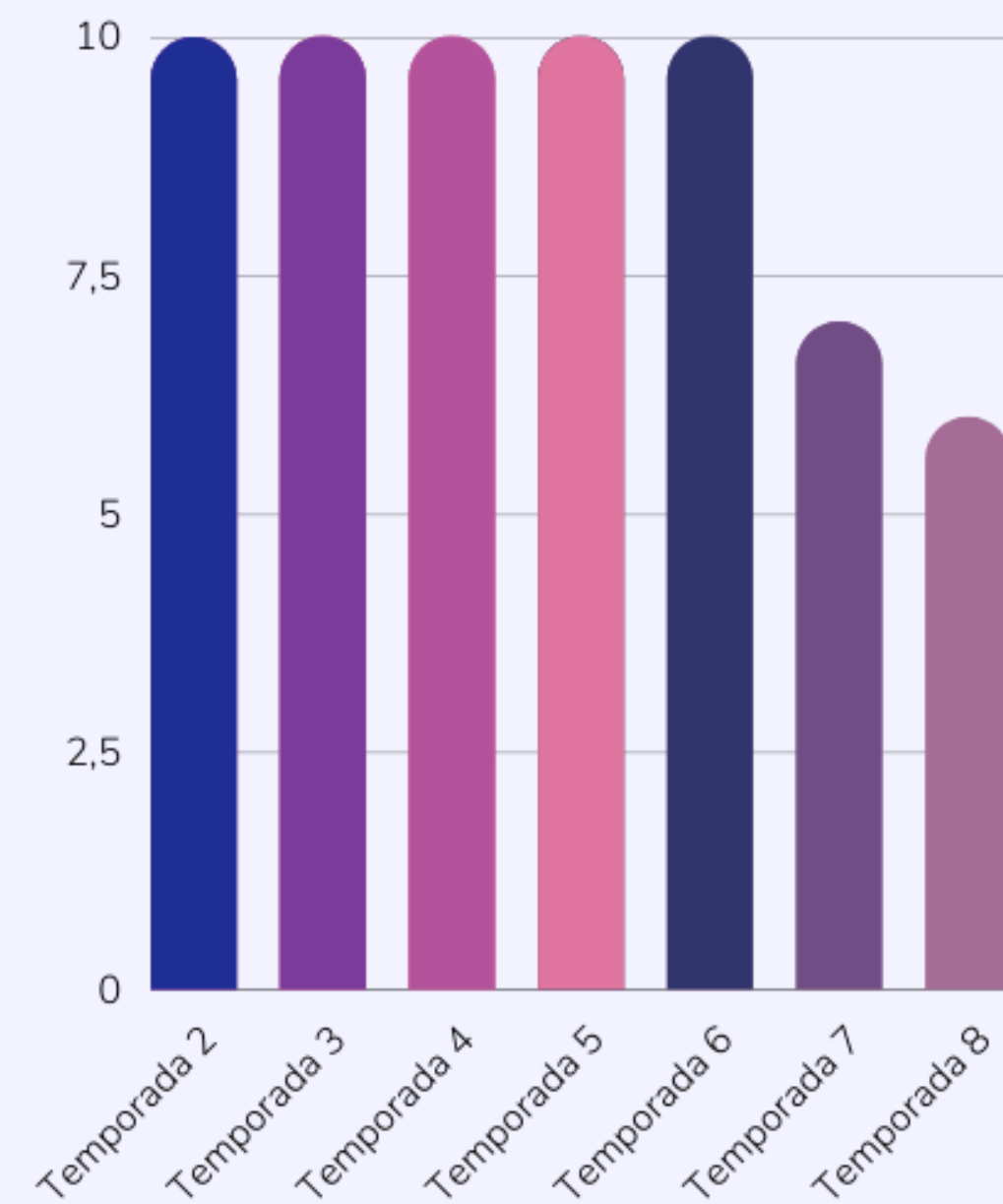


Tabela 2

PERGUNTA 1 - Quais atores
apareceram mais que 60 vezes
na série?

```

MariaDB [projeto4_got]> select * from characters_v4 where Episodes_appeared > 60;
+-----+-----+-----+-----+-----+
| Character          | Actor/ess      | Episodes_appeared | First_appearance | Last_appearance  |
+-----+-----+-----+-----+-----+
| Tyrion Lannister   | Peter Dinklage | 67                | 2011              | 2019              |
| Cersei Lannister   | Lena Headey    | 62                | 2011              | 2019              |
| Daenerys Targaryen | Emilia Clarke  | 62                | 2011              | 2019              |
| Jon Snow           | Kit Harington  | 62                | 2011              | 2019              |
+-----+-----+-----+-----+-----+
4 rows in set (0.002 sec)

```

Tabela 2

PERGUNTA 2 - Quantos atores
apareceram 1 vez na série?

```
MariaDB [projeto4_got]> select count(ator) from characters_v4 where Episodes_appeared < 2 ;
```

count(ator)
484

```
1 row in set (0.002 sec)
```

Tabela 2

PERGUNTA 3 - Quantos atores
apareceram no ano de 2012?

```
MariaDB [projeto4_got]> select count(ator) from characters_v4 where First_appearance = 2012;
+-----+
| count(ator) |
+-----+
|          101 |
+-----+
1 row in set (0.001 sec)
```

Tabela 2

PERGUNTA 4- Qual a última vez
que o ator apareceu em um
episódio?

```
MariaDB [projeto4_got]> select ator, Last_appearance from characters_v4 where ator = "Peter Dinklage";
```

ator	Last_appearance
Peter Dinklage	2019

```
1 row in set (0.001 sec)
```

Tabela 2

GRÁFICO 3

Gráfico 3

tabela 2 – perguntas 1 a 3

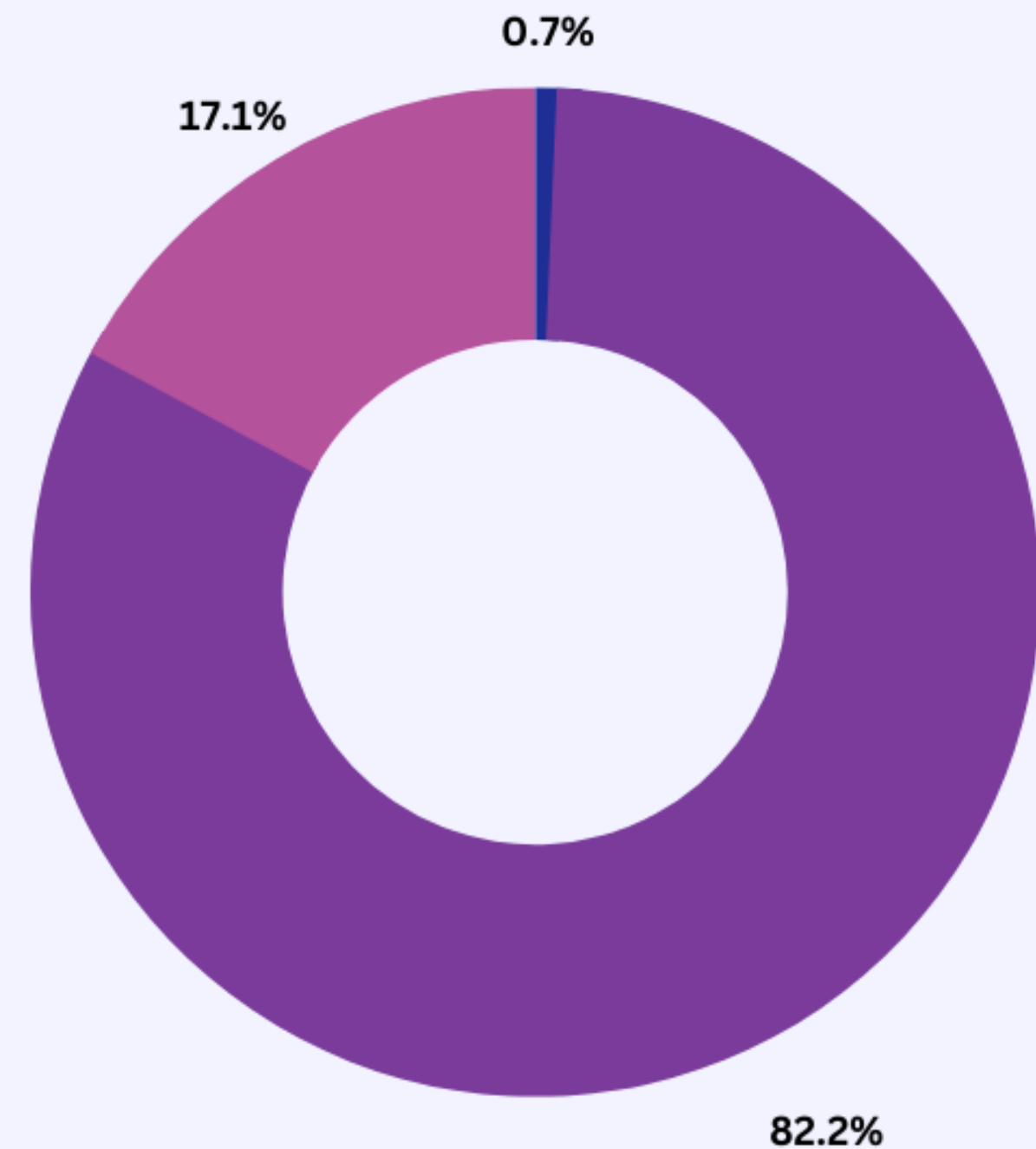
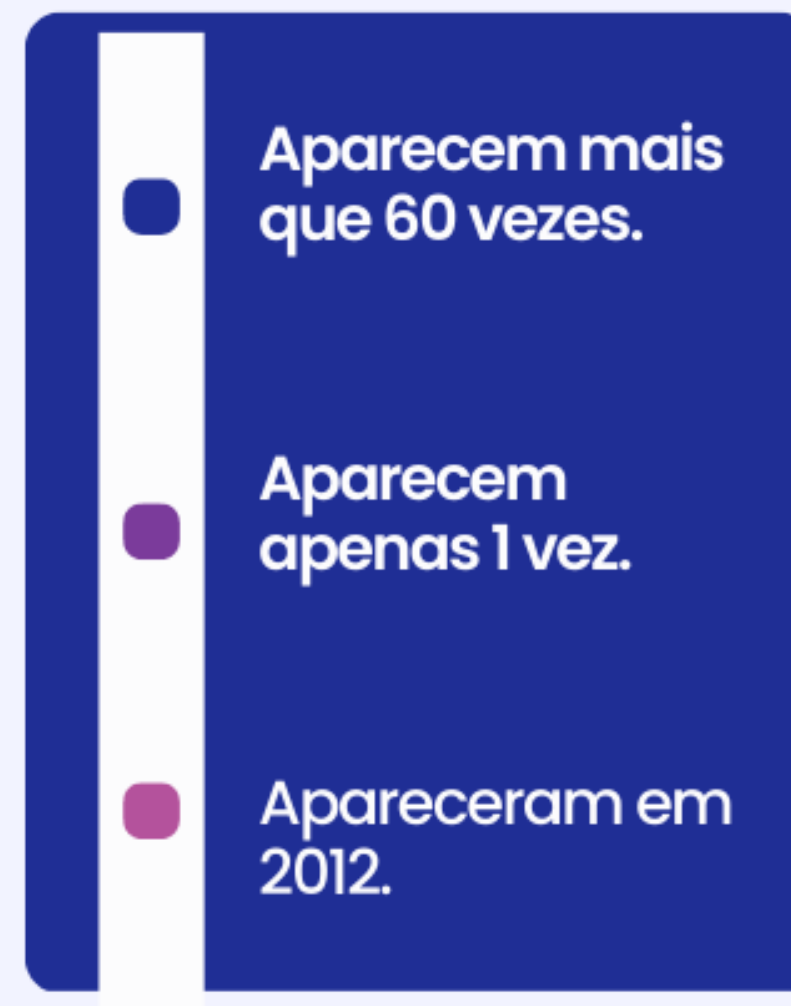


Tabela 3

PERGUNTA 1 - Quantas regiões
tem na série?

```
MariaDB [projeto4_got]> select count(Region) from houses_v1;
```

count(Region)
471

```
1 row in set (0.001 sec)
```

Tabela 3

PERGUNTA 2 - Quantas casas
tem na região North?

```
MariaDB [projeto4_got]> select count(House_name) from houses_v1 where Region = "North";
+-----+
| count(House_name) |
+-----+
|                48 |
+-----+
1 row in set (0.001 sec)
```

Tabela 3

PERGUNTA 3 - Quais casas
começam com a letra a?

```
MariaDB [projeto4_got]> select * from houses_v1 where house_name like 'a%';
```

House_name	Region
Algood	Westerlands
Allyrion of Godsgrace	Dorne
Amber	North
Ambrose	Reach
Andrik of Southshield	Iron Islands (Shield Islands)
Appleton of Appleton	Reach
Arryn of Gulltown	Vale of Arryn
Arryn of the Eyrie	Vale of Arryn
Ashford of Ashford	Reach
Ashwood	North

```
10 rows in set (0.001 sec)
```

Tabela 3

PERGUNTA 4 - Quais regiões terminam com a letra K?

```
MariaDB [projeto4_got]> select House_name from houses_v1 where House_name like '%K';
```

House_name
Brook
Casterly of Casterly Rock
Drumm of Old Wyk
Goodbrook
Hastwyck
Hook
Kettleblack
Lannister of Casterly Rock
Leek
Marbrand of Ashemark
Oakheart of Old Oak
Sparr of Great Wyk
Stonehouse of Old Wyk
Terrick
Velaryon of Driftmark
Volmark of Volmark
Warrick
Westbrook
Yarwyck

Tabela 3

GRÁFICO 4

Gráfico 4

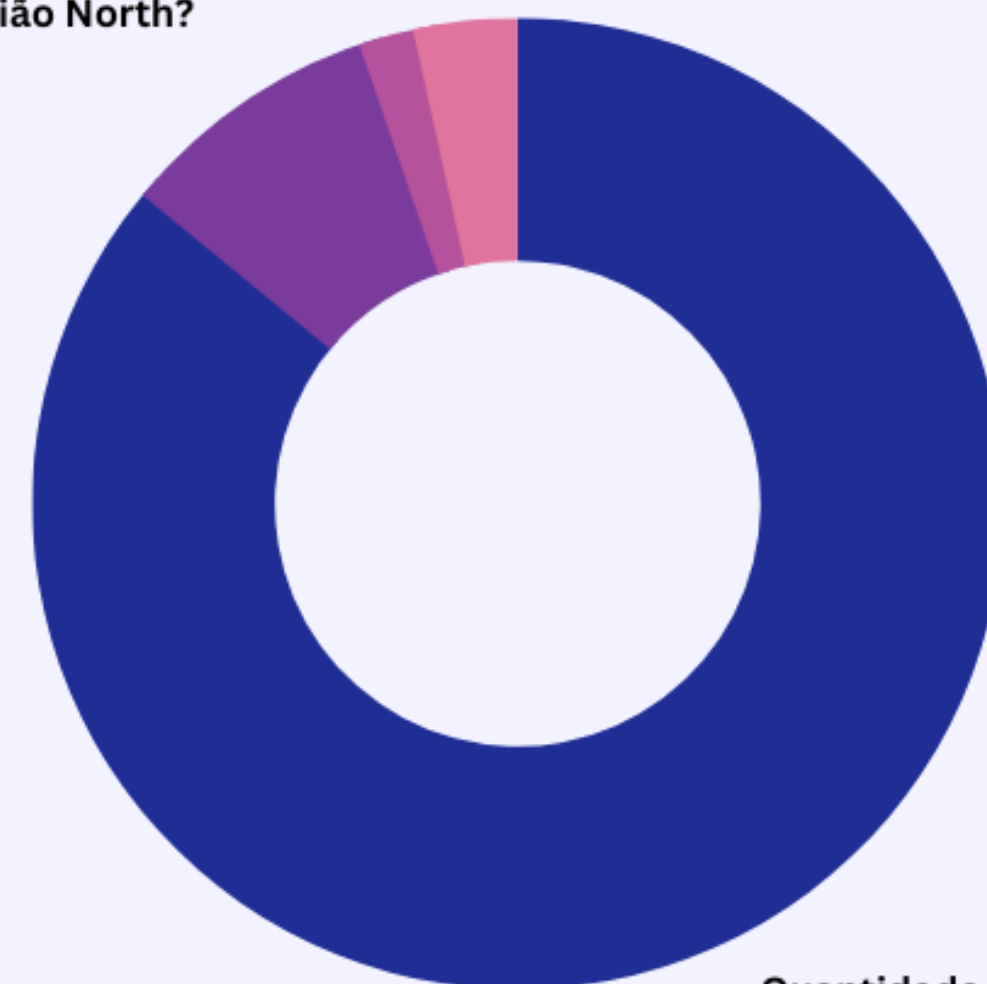
tabela 3 – perguntas 1 e 4

- Regiões da série
- Casas da região norte
- Casas que começam com a letra A
- Casas que terminam com a letra K

Quantas casas tem na região North?
8.8%

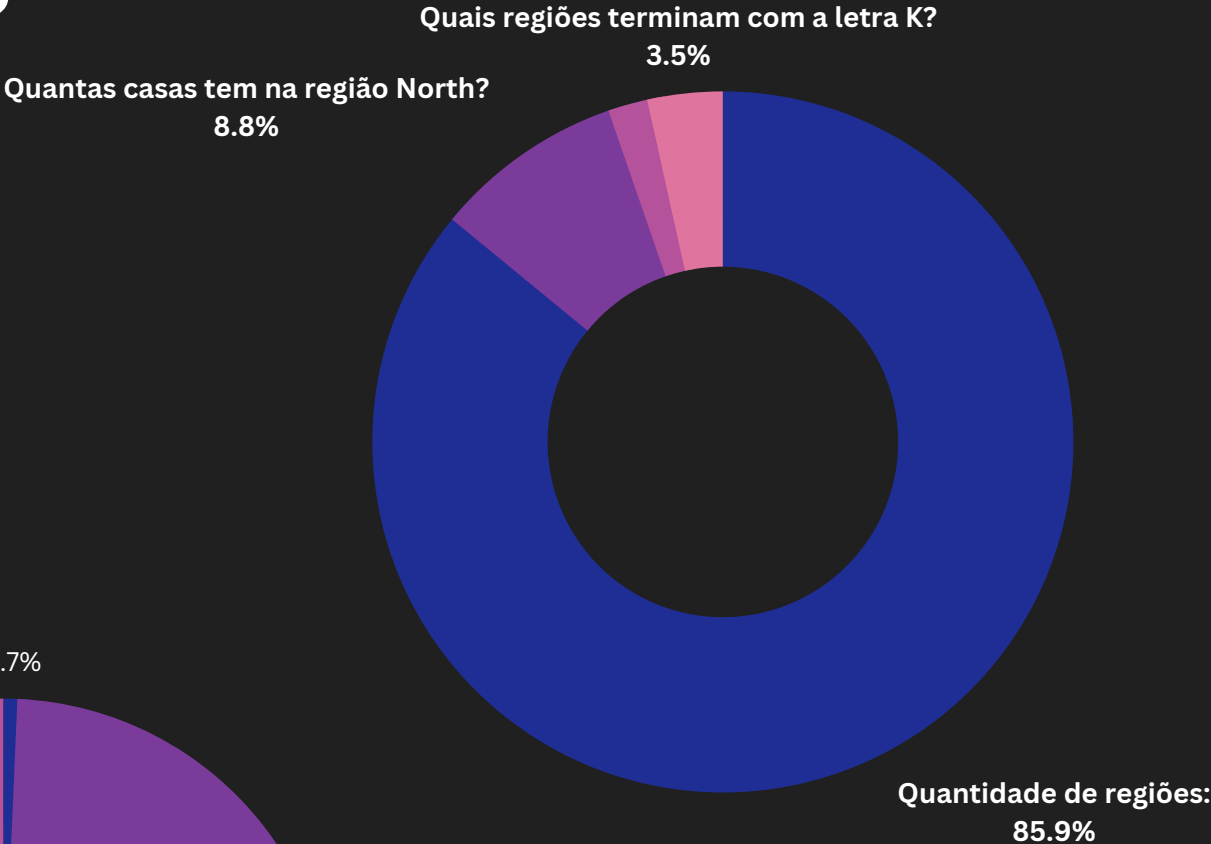
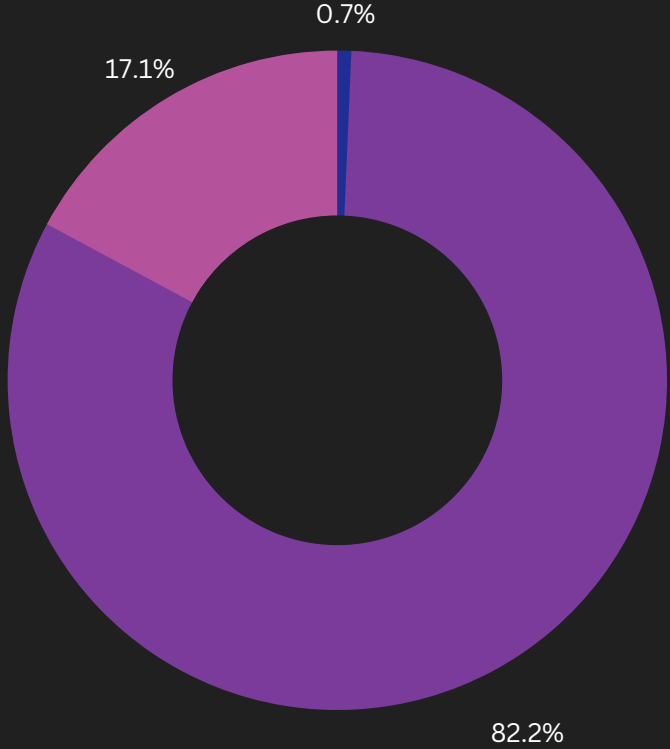
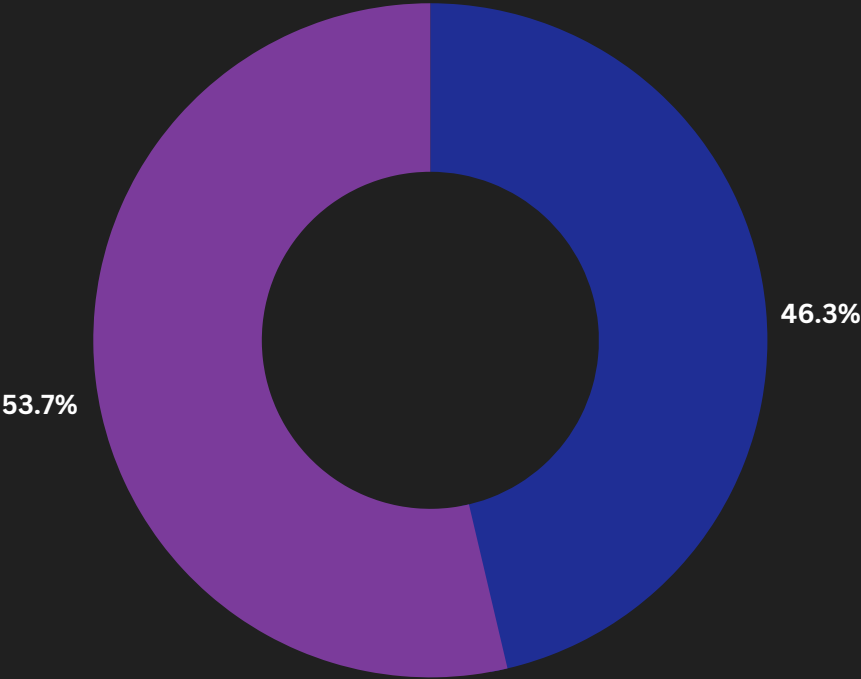
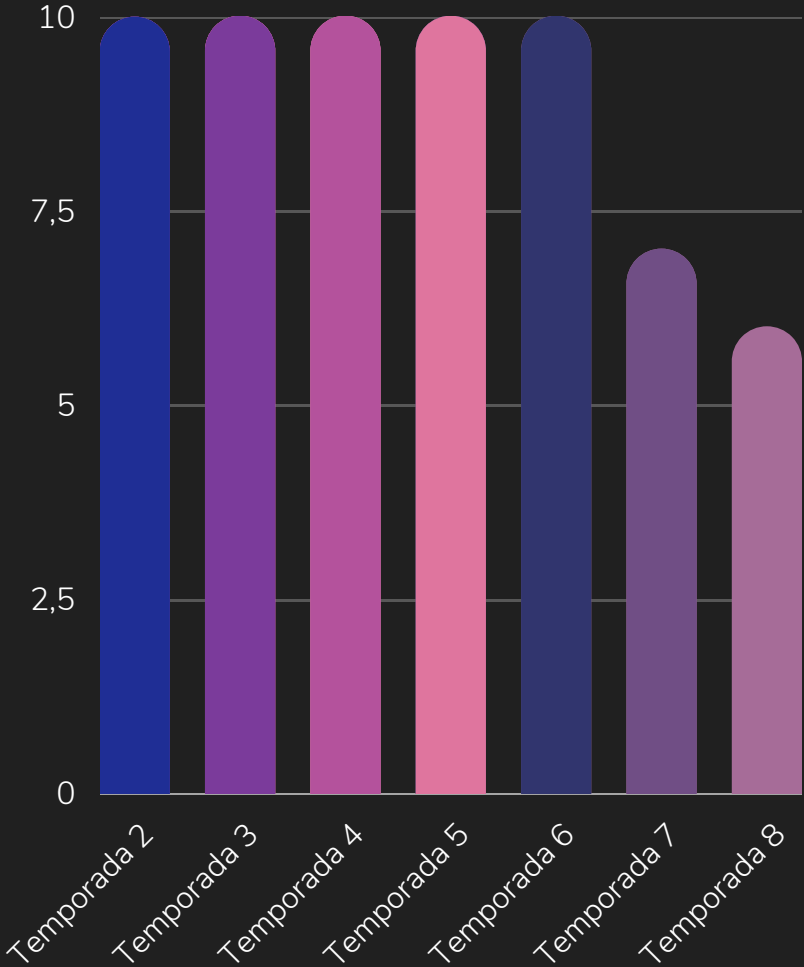
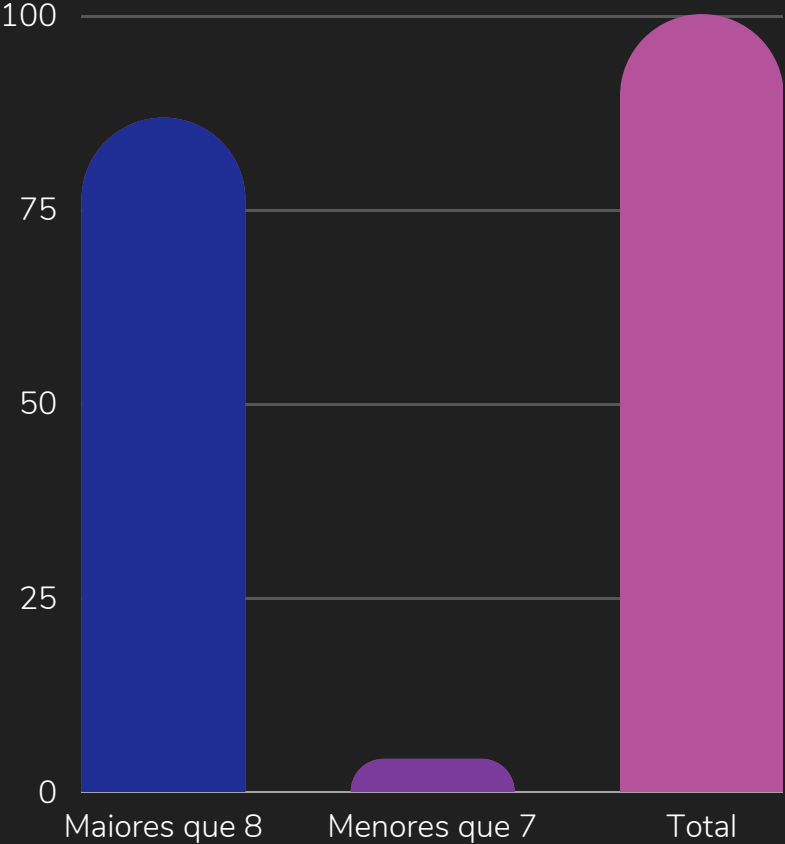
Quais regiões terminam com a letra K?

3.5%

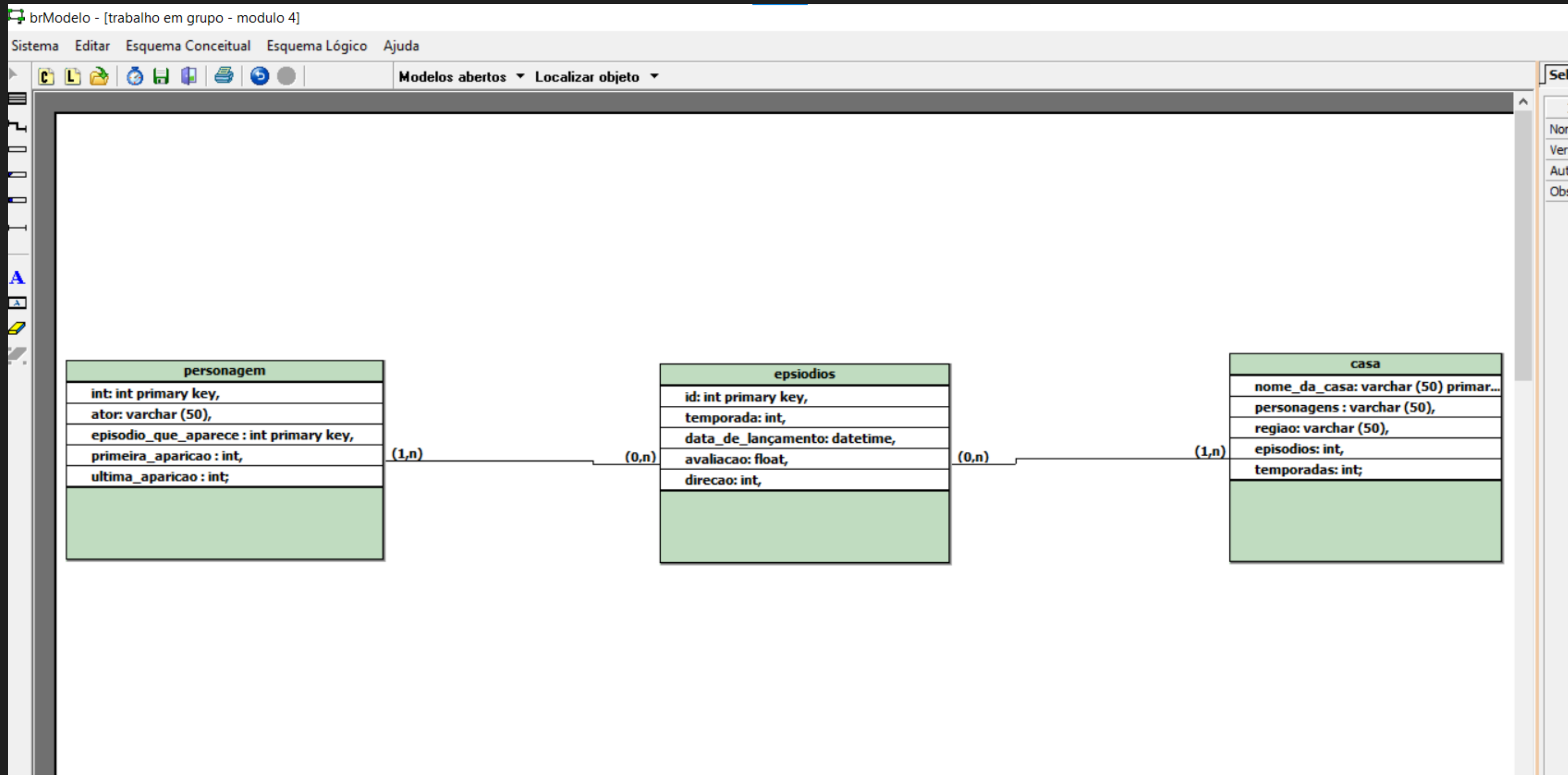


Quantidade de regiões:
85.9%

Dashboard:



Br Modelo



Obrigada!