

RENAN WAGNER LUCCA

CAREER PORTFOLIO

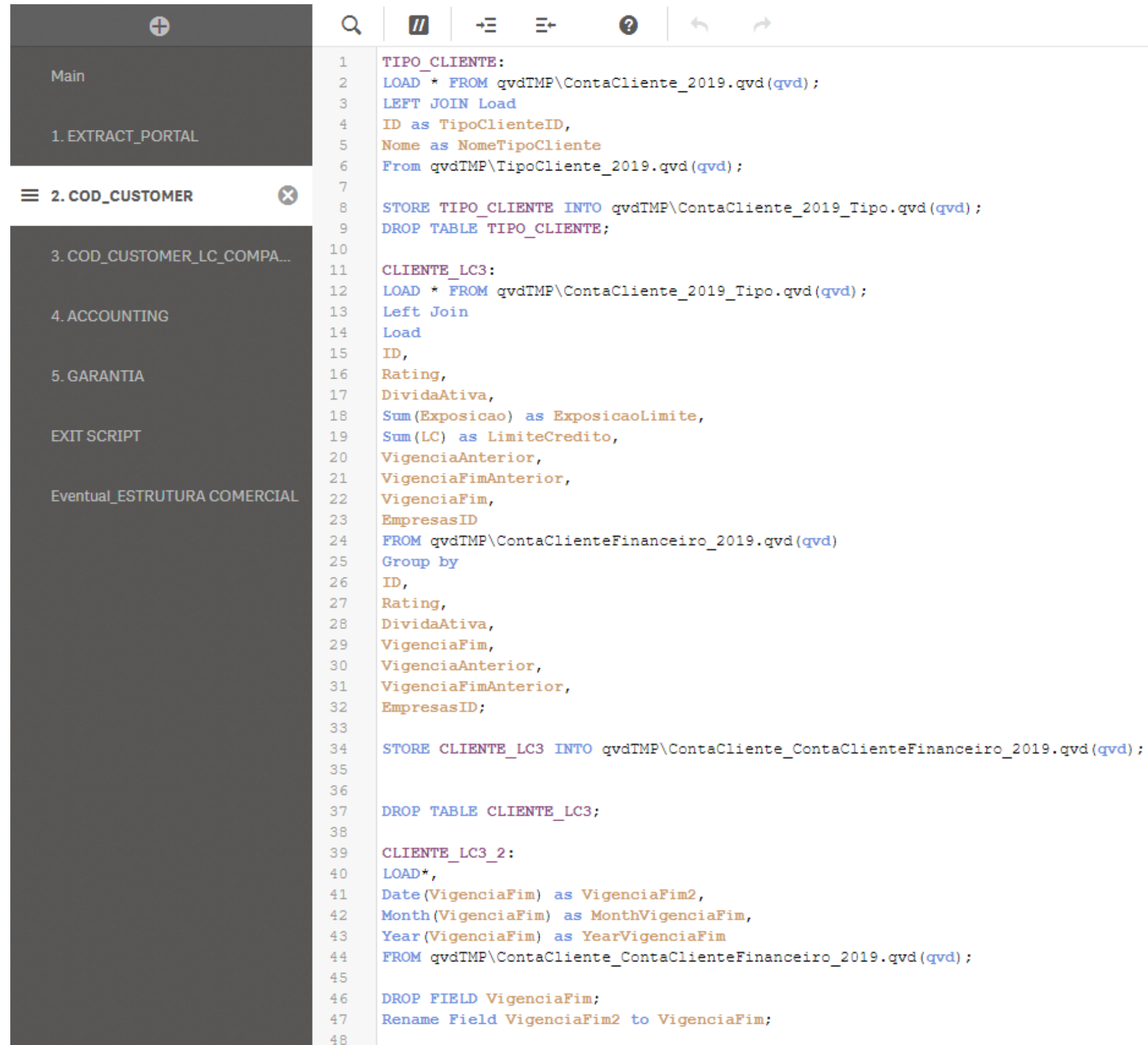
Qlik Sense & PowerBI

Qlik Sense (extraction and transform)

The screenshot displays the Qlik Sense script editor interface. On the left, a dark sidebar contains a tree view with the following items: 'Main', '1. EXTRACT_PORTAL' (selected), '2. COD_CUSTOMER', '3. COD_CUSTOMER_LC_COMPA...', '4. ACCOUNTING', '5. GARANTIA', 'EXIT SCRIPT', and 'Eventual ESTRUTURA COMERCIAL'. The main editor area on the right shows a SQL script with line numbers 1 through 28. The script includes a library connection, a table definition for TIPO_CLIENTE, a SELECT query from YaraPortal.dbo.TipoCliente, and commands to store the data into a QVD file and drop the temporary table.

```
1 LIB CONNECT TO 'YARSQLDEV02-Credit (ad_glikview)';
2
3 TIPO_CLIENTE:
4 LOAD ID,
5     Nome,
6     Ativo,
7     UsuarioIDCriacao,
8     UsuarioIDAlteracao,
9     DataCriacao,
10    DataAlteracao,
11    LayoutProposta,
12    TipoSerasa,
13    Valor;
14 SQL SELECT ID,
15     Nome,
16     Ativo,
17     UsuarioIDCriacao,
18     UsuarioIDAlteracao,
19     DataCriacao,
20     DataAlteracao,
21     LayoutProposta,
22     TipoSerasa,
23     Valor
24 FROM YaraPortal.dbo.TipoCliente;
25
26 STORE TIPO_CLIENTE INTO qvdTMP\TipoCliente_2019.qvd(qvd);
27 DROP TABLE TIPO_CLIENTE;
28
```

Qlik Sense (extraction and transform)



The screenshot displays the Qlik Sense script editor interface. On the left, a dark sidebar contains a tree view with the following items: 'Main', '1. EXTRACT_PORTAL', '2. COD_CUSTOMER' (which is currently selected and highlighted), '3. COD_CUSTOMER_LC_COMPA...', '4. ACCOUNTING', '5. GARANTIA', 'EXIT SCRIPT', and 'Eventual ESTRUTURA COMERCIAL'. The main area on the right shows a script with 48 lines of code, numbered on the left margin. The script performs several data extraction and transformation tasks using Qlik's SQL-like syntax.

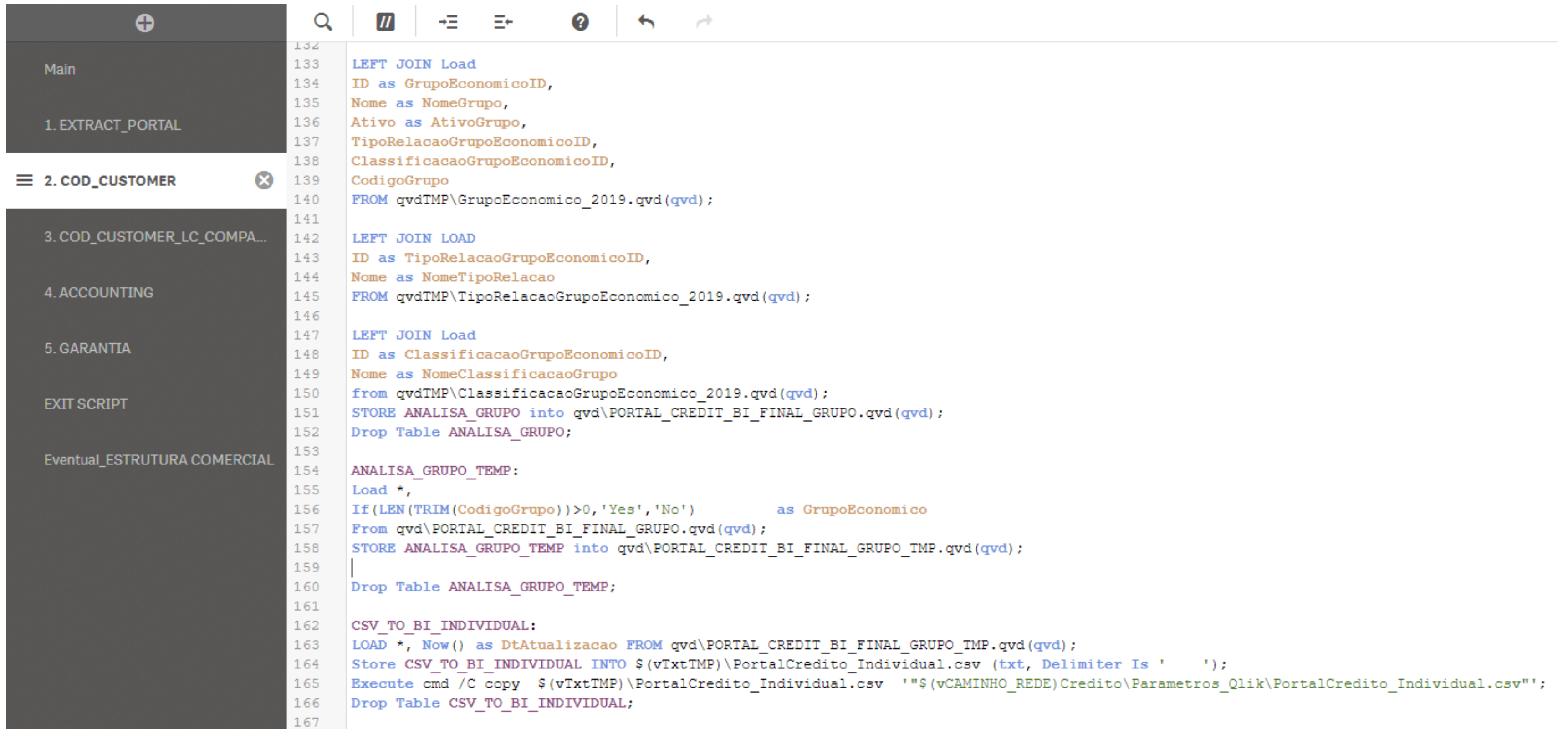
```
1 TIPO_CLIENTE:
2 LOAD * FROM qvdTMP\ContaCliente_2019.qvd(qvd);
3 LEFT JOIN Load
4 ID as TipoClienteID,
5 Nome as NomeTipoCliente
6 From qvdTMP\TipoCliente_2019.qvd(qvd);
7
8 STORE TIPO_CLIENTE INTO qvdTMP\ContaCliente_2019_Tipo.qvd(qvd);
9 DROP TABLE TIPO_CLIENTE;
10
11 CLIENTE_LC3:
12 LOAD * FROM qvdTMP\ContaCliente_2019_Tipo.qvd(qvd);
13 Left Join
14 Load
15 ID,
16 Rating,
17 DividaAtiva,
18 Sum(Exposicao) as ExposicaoLimite,
19 Sum(LC) as LimiteCredito,
20 VigenciaAnterior,
21 VigenciaFimAnterior,
22 VigenciaFim,
23 EmpresasID
24 FROM qvdTMP\ContaClienteFinanceiro_2019.qvd(qvd)
25 Group by
26 ID,
27 Rating,
28 DividaAtiva,
29 VigenciaFim,
30 VigenciaAnterior,
31 VigenciaFimAnterior,
32 EmpresasID;
33
34 STORE CLIENTE_LC3 INTO qvdTMP\ContaCliente_ContaClienteFinanceiro_2019.qvd(qvd);
35
36
37 DROP TABLE CLIENTE_LC3;
38
39 CLIENTE_LC3_2:
40 LOAD*,
41 Date(VigenciaFim) as VigenciaFim2,
42 Month(VigenciaFim) as MonthVigenciaFim,
43 Year(VigenciaFim) as YearVigenciaFim
44 FROM qvdTMP\ContaCliente_ContaClienteFinanceiro_2019.qvd(qvd);
45
46 DROP FIELD VigenciaFim;
47 Rename Field VigenciaFim2 to VigenciaFim;
48
```

Qlik Sense (extraction and transform)

The screenshot displays the Qlik Sense script editor interface. On the left, a sidebar contains a tree view with the following items: Main, 1. EXTRACT_PORTAL, 2. COD_CUSTOMER (selected), 3. COD_CUSTOMER_LC_COMPA..., 4. ACCOUNTING, 5. GARANTIA, EXIT SCRIPT, and Eventual ESTRUTURA COMERCIAL. The main area shows a script with line numbers 51 through 89. The script performs several data operations, including loading data from QVD files, applying conditional logic for credit limits, and joining data for commercial structure and guarantees.

```
51
52 CLIENTE_LC3_3:
53 Load *,
54 If (LimiteCredito<='150000', '0 - 150K',
55 If (LimiteCredito>150000 and LimiteCredito<='500000', '150K - 500K',
56 If (LimiteCredito>'500000' and LimiteCredito<='1000000', '500K - 1M',
57 If (LimiteCredito>'100000' and LimiteCredito<='3000000', '1M - 3M',
58 If (LimiteCredito>'3000000', '+ 3M ', '')))) as AlcadaAprovacao,
59 YearVigenciaFim & '/' & MonthVigenciaFim as VigenciaYearMonth,
60 if(len(trim(VigenciaFim))<=1, 'Sem Limite', if(VigenciaFim<today(), 'Vencido', 'Vigente')) as Vigencia
61 From qvdTMP\ContaCliente_ContaClienteFinanceiro_2019.qvd(qvd);
62 STORE CLIENTE_LC3_3 INTO qvdTMP\ContaCliente_ContaClienteFinanceiro_2019_Limites.qvd(qvd);
63 DROP TABLE CLIENTE_LC3_3;
64
65
66 //Inclui Estrutura Comercial
67 Cliente_Estrutura_Comercial:
68 LOAD * FROM qvdTMP\ContaCliente_ContaClienteFinanceiro_2019_Limites.qvd(qvd);
69 LEFT JOIN LOAD Distinct
70 ID,
71 FirstValue(GerenciaEC) as Gerencia,
72 FirstValue(DiretoriaEC) as Diretoria,
73 FirstValue(CoordenacaoEC) as Consultoria
74 FROM qvdTMP\ContaCliente_EstruturaComercial_2019.qvd(qvd)
75 Group by
76 ID;
77 Store Cliente_Estrutura_Comercial INTO qvd\ContaCliente_ContaClienteFinanceiro_2019_Limites_EC.qvd(qvd);
78 DROP TABLE Cliente_Estrutura_Comercial;
79
80 //Inclui garantias
81 GARANTIA:
82 LOAD * FROM qvd\ContaCliente_ContaClienteFinanceiro_2019_Limites_EC.qvd(qvd);
83 LEFT JOIN Load Distinct
84 ID,
85 If (Len(Trim(TipoGarantia)>0), 'Yes', 'No') as Garantia
86 FROM qvdTMP\ContaClienteGarantia_2019.qvd(qvd);
87 Store GARANTIA INTO qvd\ContaCliente_ContaClienteFinanceiro_2019_Limites_EC_Garantia.qvd(qvd);
88 Drop Table GARANTIA;
89
```

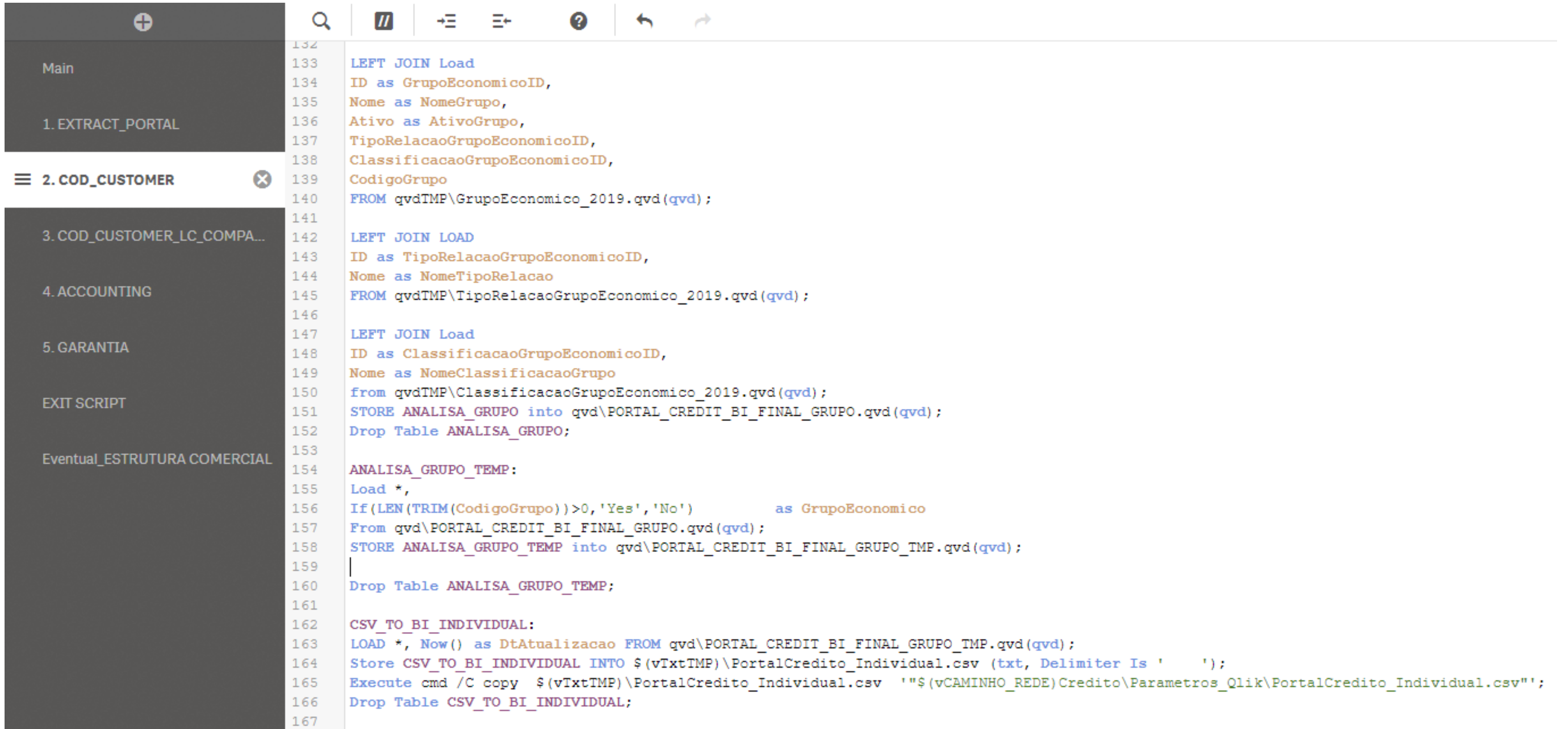
Qlik Sense (extraction and transform)



The screenshot displays the Qlik Sense script editor interface. On the left, a dark sidebar contains a tree view with the following items: 'Main', '1. EXTRACT_PORTAL', '2. COD_CUSTOMER' (selected and expanded), '3. COD_CUSTOMER_LC_COMPA...', '4. ACCOUNTING', '5. GARANTIA', 'EXIT SCRIPT', and 'Eventual ESTRUTURA COMERCIAL'. The main area shows a script with line numbers 132 to 167. The script includes SQL queries for loading and joining data from QVD files, followed by Qlik commands for storing data to a QVD, dropping tables, and creating a temporary table for data analysis. The script concludes with a command to load data into a CSV file and a command to execute a shell command to copy the CSV file to a specific location.

```
132
133 LEFT JOIN Load
134 ID as GrupoEconomicoID,
135 Nome as NomeGrupo,
136 Ativo as AtivoGrupo,
137 TipoRelacaoGrupoEconomicoID,
138 ClassificacaoGrupoEconomicoID,
139 CodigoGrupo
140 FROM qvdTMP\GrupoEconomico_2019.qvd(qvd);
141
142 LEFT JOIN LOAD
143 ID as TipoRelacaoGrupoEconomicoID,
144 Nome as NomeTipoRelacao
145 FROM qvdTMP\TipoRelacaoGrupoEconomico_2019.qvd(qvd);
146
147 LEFT JOIN Load
148 ID as ClassificacaoGrupoEconomicoID,
149 Nome as NomeClassificacaoGrupo
150 from qvdTMP\ClassificacaoGrupoEconomico_2019.qvd(qvd);
151 STORE ANALISA_GRUPO into qvd\PORTAL_CREDIT_BI_FINAL_GRUPO.qvd(qvd);
152 Drop Table ANALISA_GRUPO;
153
154 ANALISA_GRUPO_TEMP:
155 Load *,
156 If(LEN(TRIM(CodigoGrupo))>0, 'Yes', 'No') as GrupoEconomico
157 From qvd\PORTAL_CREDIT_BI_FINAL_GRUPO.qvd(qvd);
158 STORE ANALISA_GRUPO_TEMP into qvd\PORTAL_CREDIT_BI_FINAL_GRUPO_TMP.qvd(qvd);
159 |
160 Drop Table ANALISA_GRUPO_TEMP;
161
162 CSV_TO_BI_INDIVIDUAL:
163 LOAD *, Now() as DtAtualizacao FROM qvd\PORTAL_CREDIT_BI_FINAL_GRUPO_TMP.qvd(qvd);
164 Store CSV_TO_BI_INDIVIDUAL INTO $(vTxtTMP)\PortalCredito_Individual.csv (txt, Delimiter Is ' ');
165 Execute cmd /C copy $(vTxtTMP)\PortalCredito_Individual.csv "$ (vCAMINHO_REDE)Credito\Parametros_Qlik\PortalCredito_Individual.csv";
166 Drop Table CSV_TO_BI_INDIVIDUAL;
167
```

Qlik Sense (extraction and transform)



The screenshot displays the Qlik Sense script editor interface. On the left, a dark sidebar contains a tree view with the following items: 'Main', '1. EXTRACT_PORTAL', '2. COD_CUSTOMER' (which is expanded and highlighted), '3. COD_CUSTOMER_LC_COMPA...', '4. ACCOUNTING', '5. GARANTIA', 'EXIT SCRIPT', and 'Eventual ESTRUTURA COMERCIAL'. The main area on the right shows a script with line numbers 132 through 167. The script includes several SQL queries for loading and joining data from QVD files, followed by Qlik commands for storing data to a QVD, dropping tables, and creating a temporary table. It also includes a section for loading data into a CSV file and executing a command to copy the file.

```
132
133 LEFT JOIN Load
134 ID as GrupoEconomicoID,
135 Nome as NomeGrupo,
136 Ativo as AtivoGrupo,
137 TipoRelacaoGrupoEconomicoID,
138 ClassificacaoGrupoEconomicoID,
139 CodigoGrupo
140 FROM qvdTMP\GrupoEconomico_2019.qvd(qvd);
141
142 LEFT JOIN LOAD
143 ID as TipoRelacaoGrupoEconomicoID,
144 Nome as NomeTipoRelacao
145 FROM qvdTMP\TipoRelacaoGrupoEconomico_2019.qvd(qvd);
146
147 LEFT JOIN Load
148 ID as ClassificacaoGrupoEconomicoID,
149 Nome as NomeClassificacaoGrupo
150 from qvdTMP\ClassificacaoGrupoEconomico_2019.qvd(qvd);
151 STORE ANALISA_GRUPO into qvd\PORTAL_CREDIT_BI_FINAL_GRUPO.qvd(qvd);
152 Drop Table ANALISA_GRUPO;
153
154 ANALISA_GRUPO_TEMP:
155 Load *,
156 If(LEN(TRIM(CodigoGrupo))>0, 'Yes', 'No') as GrupoEconomico
157 From qvd\PORTAL_CREDIT_BI_FINAL_GRUPO.qvd(qvd);
158 STORE ANALISA_GRUPO_TEMP into qvd\PORTAL_CREDIT_BI_FINAL_GRUPO_TMP.qvd(qvd);
159 |
160 Drop Table ANALISA_GRUPO_TEMP;
161
162 CSV_TO_BI_INDIVIDUAL:
163 LOAD *, Now() as DtAtualizacao FROM qvd\PORTAL_CREDIT_BI_FINAL_GRUPO_TMP.qvd(qvd);
164 Store CSV_TO_BI_INDIVIDUAL INTO $(vTxtTMP)\PortalCredito_Individual.csv (txt, Delimiter Is ' ');
165 Execute cmd /C copy $(vTxtTMP)\PortalCredito_Individual.csv "$ (vCAMINHO_REDE)Credito\Parametros_Qlik\PortalCredito_Individual.csv";
166 Drop Table CSV_TO_BI_INDIVIDUAL;
167
```

PowerBI (dashboard)

LUCCA

Indicadores Criminais - Rio Grande do Sul

185944

Número de Crimes

Ano

Seleções m...

Mes

Todos

Município

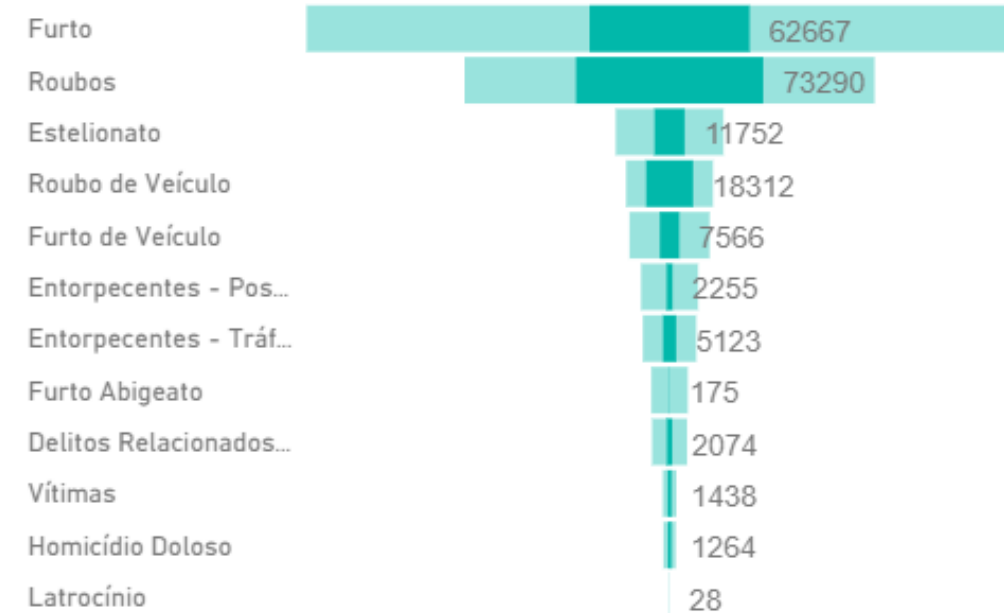
Todos

Crime

Todos

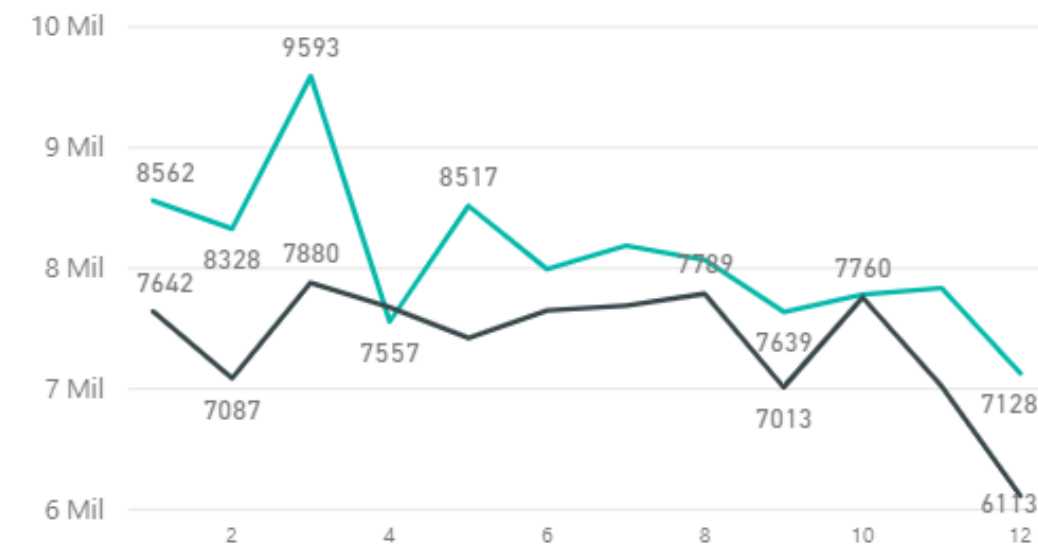
Município	2017	2018	Total
PORTO ALEGRE	84840	77460	162300
Roubos	34907	30146	65053
Furto	28096	26081	54177
Roubo de Veículo	8430	8213	16643
Estelionato	5273	5341	10614
Furto de Veículo	3108	2959	6067
Entorpecentes - Tráfico	1988	2130	4118
Delitos Relacionados à Armas e Munições	906	838	1744
Entorpecentes - Posse	778	707	1485
Vítimas	666	529	1195
Homicídio Doloso	585	458	1043
Furto Abigeato	91	45	136
Latrocínio	12	13	25
CANOAS	12353	11291	23644
Furto	4250	4240	8490
Roubos	4542	3695	8237
Roubo de Veículo	1002	667	1669
Furto de Veículo	784	715	1499
Estelionato	553	585	1138
Entorpecentes - Tráfico	457	548	1005
Entorpecentes - Posse	306	464	770
Delitos Relacionados à Armas e Munições	181	149	330
Vítimas	131	112	243
Homicídio Doloso	118	103	221
Furto Abigeato	29	10	39
Latrocínio	0	3	3
CAXIAS DO SUL	12198	10206	22404
Furto	4842	4409	9251
Roubos	2806	1968	4774
Furto de Veículo	1596	951	2547
Total	331750	302208	633958

Índice por Crime



Índice por Mes e Ano

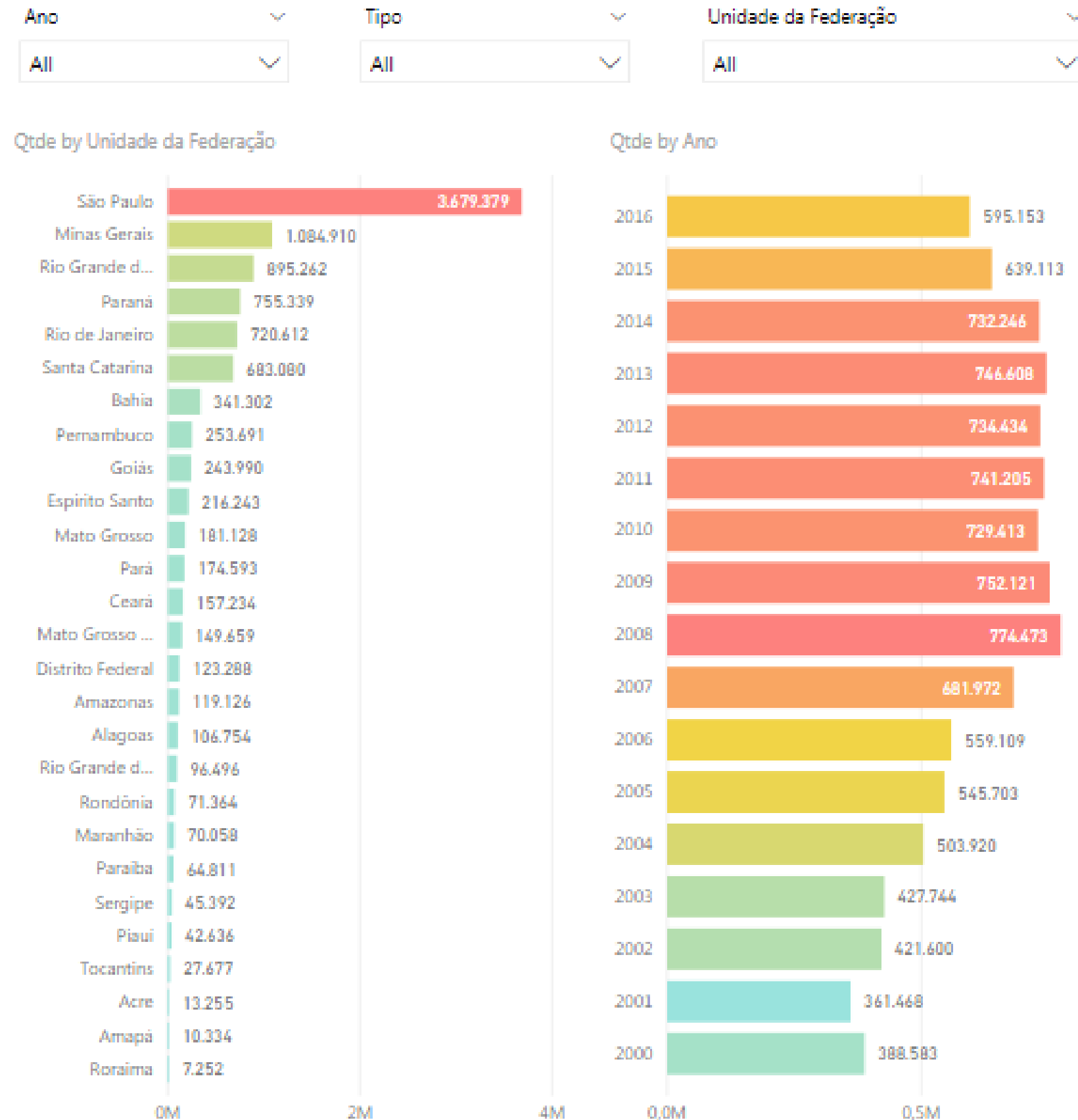
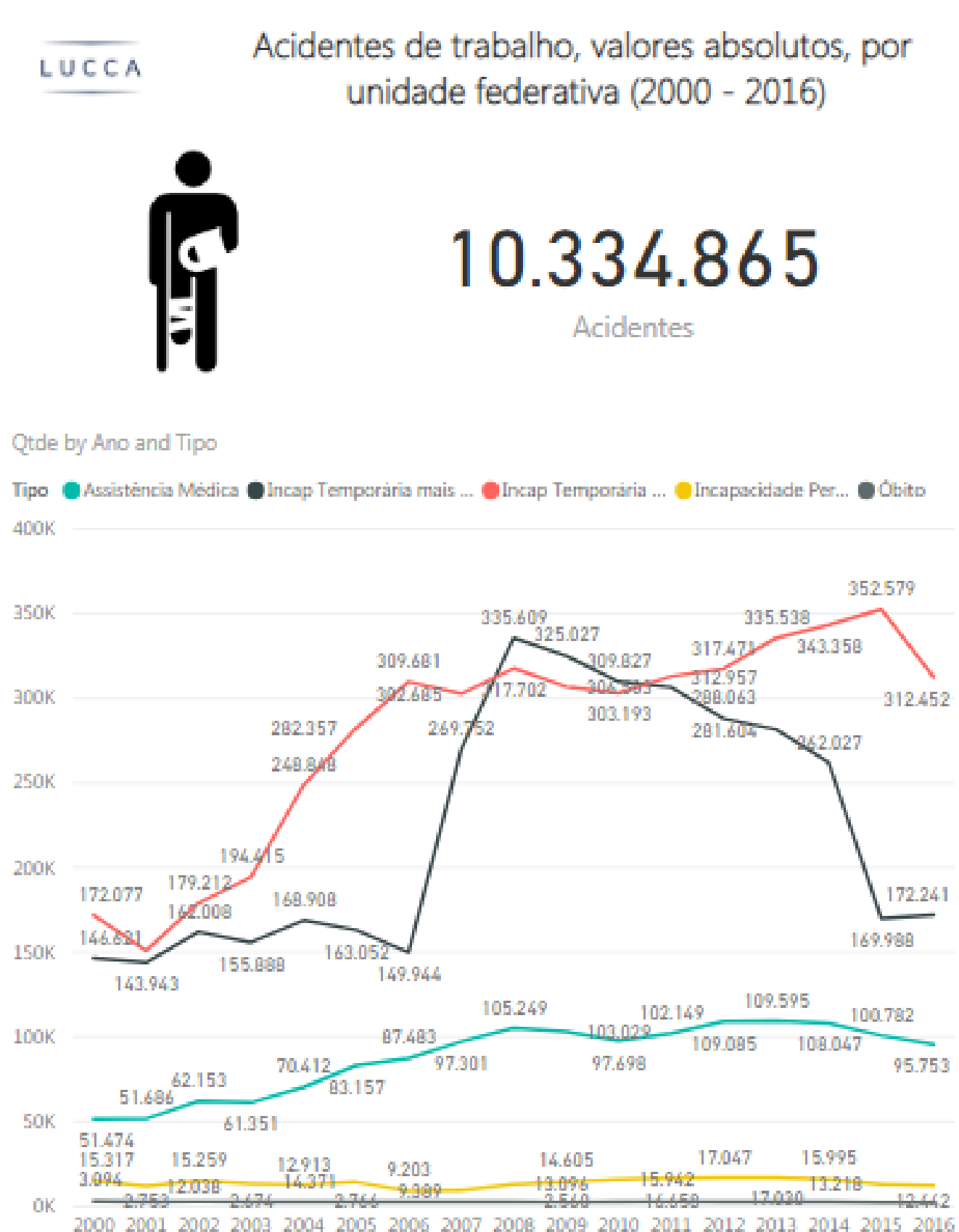
Ano ● 2017 ● 2018



Índice por Maps



PowerBI (dashboard)



PowerBI (dashboard)

LUCCA

Acidentes de trabalho, valores absolutos, por
unidade federativa (2000 - 2016)



47.044

Óbitos

Qtde por Ano e Tipo

Tipo ● Óbito



Ano

Todos

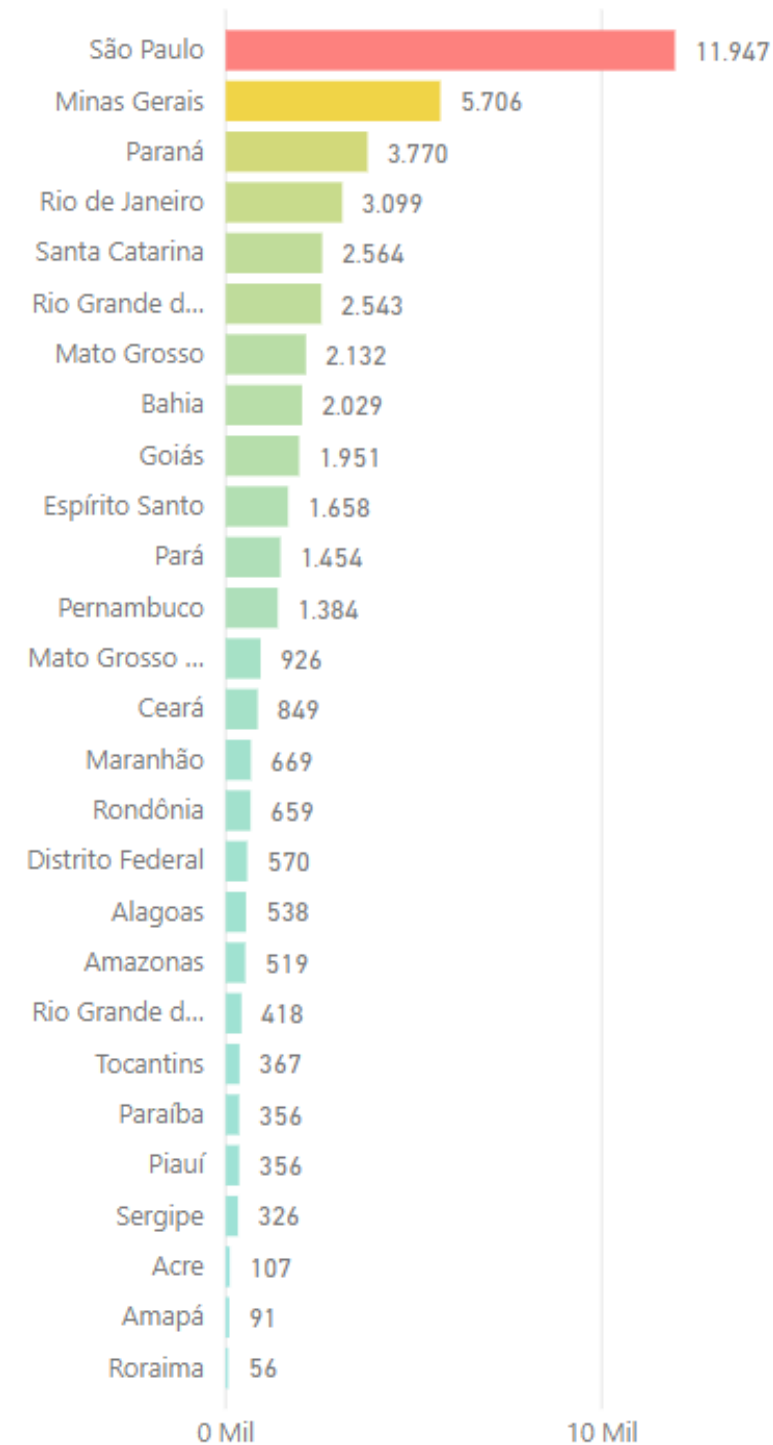
Tipo

Óbito

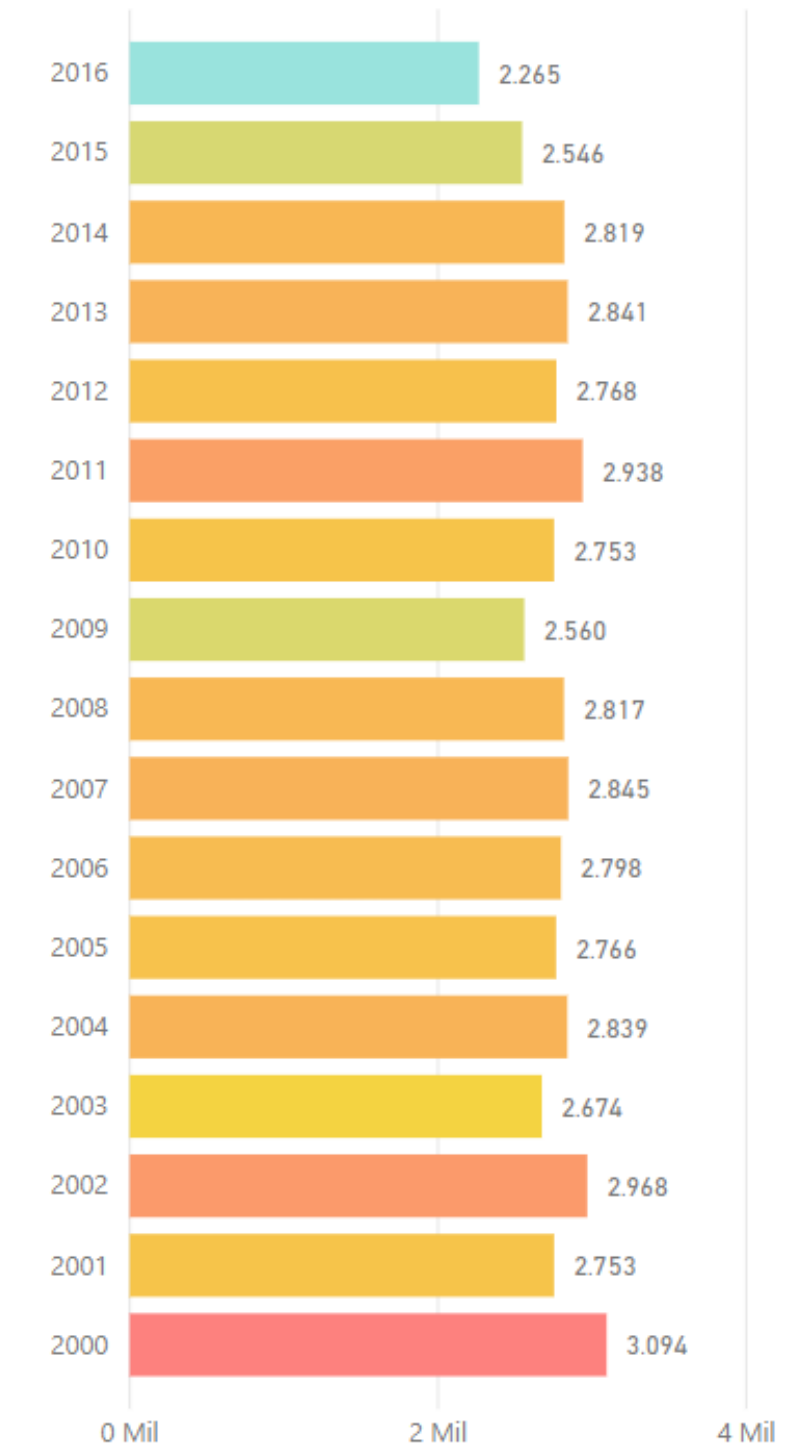
Unidade da Federação

Todos

Qtde por Unidade da Federação



Qtde por Ano



THANK YOU FOR YOUR TIME!

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