

Resultados - Parte C

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LETRA A):

Resultado utilizando dataframes

5 comentários mais úteis e com maior avaliação:

```
+-----+-----+-----+-----+-----+
|      reviews|  customer|helpful|rating|  date|votes|
+-----+-----+-----+-----+-----+
|[date -> 2004-9-2...|A3G4NSG8P49G4L|  4|  5|2004-9-28|  5|
|[date -> 2004-9-7...|A2JN4QDPI4V8RX|  3|  5| 2004-9-7|  4|
|[date -> 2004-1-1...|A3HZ186ZL3U64Q| 15|  5|2004-1-15| 17|
|[date -> 2004-1-7...|ASIQ1W5YH72A6|  1|  5| 2004-1-7|  6|
+-----+-----+-----+-----+-----+
```

5 comentários mais úteis com menor avaliação:

```
+-----+-----+-----+-----+-----+
|      reviews|  customer|helpful|rating|  date|votes|
+-----+-----+-----+-----+-----+
|[date -> 2004-9-2...|A3G4NSG8P49G4L|  4|  5|2004-9-28|  5|
|[date -> 2004-9-7...|A2JN4QDPI4V8RX|  3|  5| 2004-9-7|  4|
|[date -> 2004-1-1...|A3HZ186ZL3U64Q| 15|  5|2004-1-15| 17|
|[date -> 2004-1-7...|ASIQ1W5YH72A6|  1|  5| 2004-1-7|  6|
+-----+-----+-----+-----+-----+
```

Utilizando views: 5 comentários mais úteis e com maior avaliação

```
+-----+-----+-----+-----+
|  date|  customer|helpful|rating|
+-----+-----+-----+-----+
|2004-9-28|A3G4NSG8P49G4L|  4|  5|
| 2004-9-7|A2JN4QDPI4V8RX|  3|  5|
|2004-1-15|A3HZ186ZL3U64Q| 15|  5|
| 2004-1-7| ASIQ1W5YH72A6|  1|  5|
```

```
+-----+-----+-----+-----+
```

Segunda query: 5 comentários mais úteis e com menor avaliação

```
+-----+-----+-----+-----+
```

```
|  date|  customer|helpful|rating|
```

```
+-----+-----+-----+-----+
```

```
|2004-9-28|A3G4NSG8P49G4L|  4|  5|
```

```
| 2004-9-7|A2JN4QDPI4V8RX|  3|  5|
```

```
|2004-1-15|A3HZ186ZL3U64Q| 15|  5|
```

```
| 2004-1-7| ASIQ1W5YH72A6|  1|  5|
```

```
+-----+-----+-----+-----+
```

LETRA B):

Com dataframes

```
+-----+-----+-----+
```

```
|  ASIN|salesrank| similar|
```

```
+-----+-----+-----+
```

```
|B00003CXQY| 10036|B00004R99S|
```

```
|B00005TN8K|  4104|B00004R99S|
```

```
|B00005TN8L| 61806|B00004R99S|
```

```
|B00005AR3H| 29857|B00004R99S|
```

```
|B00005TN8J| 13143|B00004R99S|
```

```
|6304437765| 60933|B00004R99S|
```

```
+-----+-----+-----+
```

Produtos similares com salesrank maior que B00004R99S

```
+-----+-----+-----+-----+
```

```
|  ASIN|salesrank|ex_similars|salesrank|
```

```
+-----+-----+-----+-----+
```

```
|B00004R99S|  2050| B00005TN8K|  4104|
```

```
|B00004R99S|  2050| B00004R99J| 4359|
```

```
+-----+-----+-----+-----+
```

LETRA C):

```
-----
Evolução das avaliações de 0486220125
+-----+-----+
|  date|avgRating|
+-----+-----+
| 1997-7-4|    5|
|1998-10-11|    5|
| 1999-4-15|    5|
| 2000-1-4|    4|
| 2000-2-8|    4|
| 2000-4-28|    4|
| 2001-10-9|    4|
| 2002-11-8|    4|
| 2002-12-4|    4|
| 2002-9-26|    4|
|2003-10-10|    4|
|2003-10-21|    4|
|2003-10-26|    4|
|2003-12-30|    4|
| 2003-4-21|    4|
| 2003-7-24|    4|
| 2004-5-1|    4|
+-----+-----+
```

Utilizando views

```
-----
Evolução das avaliações de 0486220125
+-----+-----+
|  date|    rating|
+-----+-----+
| 1997-7-4|    5.0|
|1998-10-11|    5.0|
| 1999-4-15|    5.0|
```

2000-1-4	4.75
2000-2-8	4.8
2000-4-28	4.833333333333333
2001-10-9	4.857142857142857
2002-11-8	4.875
2002-12-4	4.444444444444445
2002-9-26	4.2
2003-10-10	4.181818181818182
2003-10-21	4.25
2003-10-26	4.230769230769231
2003-12-30	4.285714285714286
2003-4-21	4.266666666666667
2003-7-24	4.25
2004-5-1	4.235294117647059
+-----+	+-----+

LETRA D):

Id	ASIN	title	group	salesrank	similar	categories
reviews	rank					
548526	B00005QBZI	From Soup to Nuts	Video	0	[B00005R1O2,	
B000...	[[[139452]]	VHS[40...	[[date -> 2004-6-...	1		
297444	6300215539	The War of the W...	Video	1	[B00005JKFR,	
B000...	[[[139452]]	VHS[40...	[[date -> 1998-12...	2		
28339	6301627024	Shirley Valentine	Video	2	[6302728657,	
B000...	[[[139452]]	VHS[40...	[[date -> 1999-1-...	3		
113500	B00005T33H	Leslie Sansone -...	Video	6	[B00008DDJD,	
B000...	[[[139452]]	VHS[40...	[[date -> 2002-1-...	4		
334784	6302946387	Robin Hood - Men...	Video	7	[B00000K3CQ,	
0792...	[[[139452]]	VHS[40...	[[date -> 1998-12...	5		
486684	6301729897	Richard Simmons ...	Video	8	[B0000065NH,	
6303...	[[[139452]]	VHS[40...	[[date -> 1998-11...	6		
112817	6300185788	Howard the Duck	Video	12	[1558807225,	
B000...	[[[139452]]	VHS[40...	[[date -> 1999-2-...	7		
385458	6304015127	Charlotte's Web	Video	14	[B00005QJEF,	
B000...	[[[139452]]	VHS[40...	[[date -> 1999-3-...	8		
347515	6301773586	A Tree Grows in ...	Video	16	[B0004Z322O,	
0060...	[[[139452]]	VHS[40...	[[date -> 1998-7-...	9		

407073 6304500831	The Jungle Book	Video	17	[B00001QEE7,
B000... [[[139452]] VHS[40...	[[date -> 1998-12...	10		
257106 0963679600	IlluStory Book Kit	Toy	59	[B00000J0C9,
B000... [[Books[283155]] S...	[[date -> 1998-6-...	1		
465900 1572810939	Wizard Card Game...	Toy	1890	[B000000IV35,
B000... [[Books[283155]] S...	[[date -> 1999-10...	2		
305664 0963679678	Photostory Junio...	Toy	2288	[0963679600,
B000... [[Books[283155]] S...	[[date -> 2003-12...	3		
327405 B000059T05	Party Tyme Karao...	Toy	4053	[B00004ZBDB,
B000... [[Music[5174]] Sty...	[[date -> 2001-5-...	4		
	922 B000075A8O	Party Tyme Karao...	Toy	7812
B000... [[Music[5174]] Sty...	[[date -> 2004-3-...	5		
272037 B000053W7W	Party Tyme Karao...	Toy	10732	[B000068NK8,
B000... [[Music[5174]] Sty...	[[date -> 2001-1-...	6		
	11660 B000055XW3	The Songs of Bri...	Toy	31296
B000... [[Music[5174]] Sty...	[[date -> 2001-2-...	7		
421292 0963679627	R- Photostory Se...	Toy	45241	
[[[Books[283155]] S...		[[8	
548547 B000059TOC	The Drifter	DVD	0	[630366704X,
B000... [[[139452]] DVD[13...	[[date -> 2004-7-...	1		
548548 B00006JBIX	The House Of Mor...	DVD	0	[B0002HOE6C,
B000... [[[139452]] DVD[13...	[[date -> 2005-2-...	2		
548550 B00008DDST	1, 2, 3 Soleils:...	DVD	0	[B00012FWNC,
B000... [[[139452]] DVD[13...	[[date -> 2003-12...	3		
193107 B00003CX5P	Star Wars - Epis...	DVD	28	[B00003CXCT,
B000... [[[139452]] DVD[13...	[[date -> 2000-1-...	4		
137401 B00006CXSS	Band of Brothers	DVD	47	[B0001NBLVI,
B000... [[[139452]] DVD[13...	[[date -> 2001-11...	5		
104775 B00001QEE7	The Little Merma...	DVD	49	[B00003CX8Y,
B000... [[[139452]] DVD[13...	[[date -> 1999-1-...	6		
547782 B00000JS62	The Wizard of Oz	DVD	55	[B00005QJEF,
B000... [[[139452]] DVD[13...	[[date -> 1998-12...	7		
136839 B00005LC1H	Fawlty Towers - ...	DVD	85	[B00005A1SX,
B000... [[[139452]] DVD[13...	[[date -> 1998-11...	8		
544622 B00006HBUJ	Star Wars - Epis...	DVD	85	[B00003CXCT,
B000... [[[139452]] DVD[13...	[[date -> 2001-9-...	9		
	7524 B00000JWVS	Jerry Seinfeld L...	DVD	88
B000... [[[139452]] DVD[13...	[[date -> 1999-9-...	10		
310467 B00002EPXM	Yoga Kit Living ...	Sports	4684	[B00007JME6,
0945... [[[139452]] VHS[40...	[[date -> 2001-8-...	1		
197564 0880881658	Baby'S Record Ke...	Baby Product	1017	[B00009NQTT,
B000... [[Books[283155]] S...	[[date -> 2000-7-...	1		

| 51902|0761542639| PRIMA PUBLISHING...| Video Games| 339|[B00006Z7HR,
0761...|[Books[283155]]S...|[[date -> 2003-5-...| 1|
|548530|0006176909| House of Cards| Book| 0|[0006471641,
0006...|[Books[283155]]S...|[[date -> 2002-11-...| 1|
|548540|0060537612| If You Take a Mo...| Book| 0|[0689808747,
0689...|[Books[283155]]S...|[[date -> 2003-12-...| 2|
|548513|0072507624| How To Get The B...| Book| 0|[0500284768,
0316...|[Books[283155]]S...|[[date -> 1999-3-...| 3|
|548529|0310208084| Ten Time Bombs| Book| 0|[0310479711,
0802...|[Books[283155]]S...|[[date -> 2000-6-...| 4|
|548520|0465028721| The Diligent: A ...| Book| 0|[0684835657,
0198...|[Books[283155]]S...|[[date -> 2004-8-...| 5|
|548535|0552139432| Lost for Words| Book| 0|
[]|[Books[283155]]S...|[[date -> 2003-8-...| 6|
|548524|0575068957| Noonshade (Chron...| Book| 0|[0575073330,
0345...|[Books[283155]]S...|[[date -> 2003-8-...| 7|
|548527|0743001370| Harry Potter Tra...| Book| 0|
[]|[Books[283155]]S...|[[date -> 2003-8-...| 8|
|548532|0752808990| Black Out| Book| 0|
[]|[Books[283155]]S...|[[date -> 2005-3-...| 9|
|548515|0785111263| Gods on Earth (T...| Book| 0|[0785111271,
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|548536|B00004XT2L| Improvisations -...| Music| 0|[B000051TKB,
B000...|[Music[5174]]Sty...|[[date -> 2005-1-...| 1|
|548545|B0000508ZN| I Need Your Loving| Music| 0|
[]|[Music[5174]]Sty...|[[date -> 2004-6-...| 2|
|548551|B00005MHUG| That Travelin' T...| Music| 0|[B00008OETQ,
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|548544|B000065AHM| Lucky Man| Music| 0|
[B00021YIE6]]|[Music[5174]]Sty...|[[date -> 2002-6-...| 4|
|370604|B00004S36S| Buzz Buzz| Music| 27|[B00004S36U,
B000...|[Music[5174]]Sty...|[[date -> 2000-3-...| 5|
|536884|B000069AUI| A Rush of Blood ...| Music| 33|[B0000508U6,
B000...|[Music[5174]]Sty...|[[date -> 2002-8-...| 6|
|450096|B000088E6D| Michael Bublé| Music| 42|[B00070Q7VO,
B000...|[Music[5174]]Sty...|[[date -> 2003-2-...| 7|
|187690|B00005YW4H| Come Away with Me| Music| 46|[B00018D44U,
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|175533|B00006879E| Songs About Jane| Music| 53|[B0000ALSDR,
B000...| []| []| 9|
|124898|B00000JFG3| Facing Future| Music| 55|[B00005O4UG,
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|527037|157264317X| ClickArt Christi...| Software| 200|[B00005BL14,
B000...|[Books[283155]]S...|[[date -> 2001-9-...| 1|
| 96696|B000001A3A| RINGDISC Wagner:...| Software| 327|[0879101865,
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|456958|0310230691| Zondervan Bible ...| Software| 1955|[031024837X,
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|532431|B0000897BV| Just Enough Voca...| Software| 3771|
|[|[[[229534]]Catego...|[[date -> 2004-1-...| 4|
|243257|0735608377| WINDOWS NT SERVE...| Software| 3828|
|[|[[Books[283155]]S...|[[date -> 1999-11-...| 5|
|224434|1567120709| SPELLING CORRECTOR| CE| 39367|
|[|[[Books[283155]]S...| | 1|
|253628|6305275149| Hal Leonard Begi...| CE| 69089|
|[|[[[139452]]VHS[40...|[[date -> 2000-7-...| 2|
|228901|6305275173| Hal Leonard Begi...| CE| 71678|
|[|[[[139452]]VHS[40...| | 3|
|289495|1567125336| FRANKLIN COMP. K...| CE| 84976|
|[|[[[172282]]Catego...|[[date -> 1999-12-...| 4|
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
```

```
-----
Utilizando views:
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
| Id| ASIN| title| group|salesrank| similar| categories|
reviews|rank|
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
|548526|B00005QBZI| From Soup to Nuts| Video| 0|[B00005R1O2,
B000...|[[[139452]]VHS[40...|[[date -> 2004-6-...| 1|
|297444|6300215539| The War of the W...| Video| 1|[B00005JKFR,
B000...|[[[139452]]VHS[40...|[[date -> 1998-12-...| 2|
| 28339|6301627024| Shirley Valentine| Video| 2|[6302728657,
B000...|[[[139452]]VHS[40...|[[date -> 1999-1-...| 3|
|113500|B00005T33H| Leslie Sansone -...| Video| 6|[B00008DDJD,
B000...|[[[139452]]VHS[40...|[[date -> 2002-1-...| 4|
|334784|6302946387| Robin Hood - Men...| Video| 7|[B00000K3CQ,
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486684 6301729897 Richard Simmons ...	Video	8	[B0000065NH,
6303... [[[139452]]VHS[40... [[date -> 1998-11...	6		
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B000... [[[139452]]VHS[40... [[date -> 1999-2-...	7		
385458 6304015127 Charlotte's Web	Video	14	[B000005QJEF,
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347515 6301773586 A Tree Grows in ...	Video	16	[B00004Z322O,
0060... [[[139452]]VHS[40... [[date -> 1998-7-...	9		
407073 6304500831 The Jungle Book	Video	17	[B000001QEE7,
B000... [[[139452]]VHS[40... [[date -> 1998-12...	10		
257106 0963679600 IlluStory Book Kit	Toy	59	[B000000J0C9,
B000... [Books[283155]]S... [[date -> 1998-6-...	1		
465900 1572810939 Wizard Card Game...	Toy	1890	[B000000IV35,
B000... [Books[283155]]S... [[date -> 1999-10...	2		
305664 0963679678 Photostory Junio...	Toy	2288	[0963679600,
B000... [Books[283155]]S... [[date -> 2003-12...	3		
327405 B000059T05 Party Tyme Karao...	Toy	4053	[B000004ZBDB,
B000... [Music[5174]]Sty... [[date -> 2001-5-...	4		
922 B000075A8O Party Tyme Karao...	Toy	7812	[B00000CD5HT,
B000... [Music[5174]]Sty... [[date -> 2004-3-...	5		
272037 B000053W7W Party Tyme Karao...	Toy	10732	[B0000068NK8,
B000... [Music[5174]]Sty... [[date -> 2001-1-...	6		
11660 B000055XW3 The Songs of Bri...	Toy	31296	[B00000CD5HW,
B000... [Music[5174]]Sty... [[date -> 2001-2-...	7		
421292 0963679627 R- Photostory Se...	Toy	45241	
[[[Books[283155]]S...	[[8		
548547 B000059TOC The Drifter	DVD	0	[630366704X,
B000... [[[139452]]DVD[13... [[date -> 2004-7-...	1		
548548 B00006JBIX The House Of Mor...	DVD	0	[B00002HOE6C,
B000... [[[139452]]DVD[13... [[date -> 2005-2-...	2		
548550 B00008DDST 1, 2, 3 Soleils:...	DVD	0	[B000012FWNC,
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193107 B00003CX5P Star Wars - Epis...	DVD	28	[B000003CXCT,
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B000... [[[139452]]DVD[13... [[date -> 1998-11...	8		

|544622|B00006HBUJ| Star Wars - Epis...| DVD| 85|[B00003CXCT,
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 | 7524|B00000JWVS| Jerry Seinfeld L...| DVD| 88|[B00005JLW5,
 B000...|[139452]|DVD[13...|[date -> 1999-9-...| 10|
 |310467|B00002EPXM| Yoga Kit Living ...| Sports| 4684|[B00007JME6,
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 |197564|0880881658| Baby'S Record Ke...|Baby Product| 1017|[B00009NQTT,
 B000...|[Books[283155]]S...|[date -> 2000-7-...| 1|
 | 51902|0761542639| PRIMA PUBLISHING...| Video Games| 339|[B00006Z7HR,
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 |548530|0006176909| House of Cards| Book| 0|[0006471641,
 0006...|[Books[283155]]S...|[date -> 2002-11-...| 1|
 |548540|0060537612| If You Take a Mo...| Book| 0|[0689808747,
 0689...|[Books[283155]]S...|[date -> 2003-12-...| 2|
 |548513|0072507624| How To Get The B...| Book| 0|[0500284768,
 0316...|[Books[283155]]S...|[date -> 1999-3-...| 3|
 |548529|0310208084| Ten Time Bombs| Book| 0|[0310479711,
 0802...|[Books[283155]]S...|[date -> 2000-6-...| 4|
 |548520|0465028721| The Diligent: A ...| Book| 0|[0684835657,
 0198...|[Books[283155]]S...|[date -> 2004-8-...| 5|
 |548535|0552139432| Lost for Words| Book| 0|
 []|[Books[283155]]S...|[date -> 2003-8-...| 6|
 |548524|0575068957| Noonshade (Chron...| Book| 0|[0575073330,
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 |548527|0743001370| Harry Potter Tra...| Book| 0|
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 |548532|0752808990| Black Out| Book| 0|
 []|[Books[283155]]S...|[date -> 2005-3-...| 9|
 |548515|0785111263| Gods on Earth (T...| Book| 0|[0785111271,
 0785...|[Books[283155]]S...|[date -> 2003-9-...| 10|
 |548536|B00004XT2L| Improvisations -...| Music| 0|[B000051TKB,
 B000...|[Music[5174]]Sty...|[date -> 2005-1-...| 1|
 |548545|B0000508ZN| I Need Your Loving| Music| 0|
 []|[Music[5174]]Sty...|[date -> 2004-6-...| 2|
 |548551|B00005MHUG| That Travelin' T...| Music| 0|[B00008OETQ,
 B000...|[Music[5174]]Sty...|[date -> 2004-5-...| 3|
 |548544|B000065AHM| Lucky Man| Music| 0|
 [B00021YIE6]]|[Music[5174]]Sty...|[date -> 2002-6-...| 4|
 |370604|B00004S36S| Buzz Buzz| Music| 27|[B00004S36U,
 B000...|[Music[5174]]Sty...|[date -> 2000-3-...| 5|
 |536884|B000069AU| A Rush of Blood ...| Music| 33|[B0000508U6,
 B000...|[Music[5174]]Sty...|[date -> 2002-8-...| 6|

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|450096|B000088E6D| Michael Bublé| Music| 42|[B00070Q7VO,
B000...|[Music[5174]]Sty...|[[date -> 2003-2-...| 7|
|187690|B00005YW4H| Come Away with Me| Music| 46|[B00018D44U,
B000...|[Music[5174]]Sty...|[[date -> 2002-2-...| 8|
|175533|B00006879E| Songs About Jane| Music| 53|[B0000ALSDR,
B000...| []| []| 9|
|124898|B00000JFG3| Facing Future| Music| 55|[B00005O4UG,
B000...|[Music[5174]]Sty...|[[date -> 1999-8-...| 10|
|527037|157264317X| ClickArt Christi...| Software| 200|[B00005BL14,
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| 96696|B000001A3A| RINGDISC Wagner:...| Software| 327|[0879101865,
B000...|[Books[283155]]S...|[[date -> 2000-3-...| 2|
|456958|0310230691| Zondervan Bible ...| Software| 1955|[031024837X,
0310...|[229534]]Catego...|[[date -> 2003-9-...| 3|
|532431|B0000897BV| Just Enough Voca...| Software| 3771|
[]|[[229534]]Catego...|[[date -> 2004-1-...| 4|
|243257|0735608377| WINDOWS NT SERVE...| Software| 3828|
[]|[[Books[283155]]S...|[[date -> 1999-11-...| 5|
|224434|1567120709| SPELLING CORRECTOR| CE| 39367|
[]|[[Books[283155]]S...| []| 1|
|253628|6305275149| Hal Leonard Begi...| CE| 69089|
[]|[[139452]]VHS[40...|[[date -> 2000-7-...| 2|
|28901|6305275173| Hal Leonard Begi...| CE| 71678|
[]|[[139452]]VHS[40...| []| 3|
|289495|1567125336| FRANKLIN COMP. K...| CE| 84976|
[]|[[172282]]Catego...|[[date -> 1999-12-...| 4|
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LETRA F):

Com dataframes

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| group| avgRating|
+-----+-----+
| Toy|20.583333333333332|
|Baby Product|13.333333333333334|
| Sports| 12.25|
| Software| 9.266666666666667|
| Book|3.9715033967909963|
+-----+-----+

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Com views

+-----+-----+	
category avg(CAST(helpful AS DOUBLE))	
+-----+-----+	
Books[283155] Su...	97.7872340425532
Books[283155] Su...	84.5
[229534] Special...	84.5
[139452] DVD[130...	80.0
[139452] DVD[130...	80.0
+-----+-----+	

LETRA G):

Com dataframes:

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group	customer	frequencia	rank
+-----+-----+-----+-----+			
Video	ATVPDKIKX0DER	72581	1
Video	A3UN6WX5RRO2AG	15814	2
Video	A2NJO6YE954DBH	1775	3
Video	AU8552YCOO5QX	1205	4
Video	A3P1A63Q8L32C5	737	5
Video	A20EEWWSFMZ1PN	720	6
Video	A16CZRQL23NOIW	668	7
Video	A3LZGLA88K0LA0	614	8
Video	A2QRB6L1MCJ53G	606	9
Video	A152C8GYY25HAH	583	10
Toy	A1SB7SB31ETYZH	2	1
Toy	AH4M07U4YC695	2	2
Toy	ATVPDKIKX0DER	2	3
Toy	A1A2RJXP6T26PD	1	4
Toy	A1ABBKXKUZF85X	1	5
Toy	A1BAZPQGXEVRT	1	6
Toy	A1DTHMM2Y5KY0	1	7
Toy	A1FPVUL053AKXO	1	8
Toy	A1ITRIM68VLZG3	1	9
Toy	A1K9DVRKH6TZ1L	1	10
DVD	ATVPDKIKX0DER	63148	1
DVD	A3UN6WX5RRO2AG	15549	2
DVD	A2NJO6YE954DBH	1366	3

	DVD	AU8552YCOO5QX	1213	4
	DVD	A3P1A63Q8L32C5	859	5
	DVD	A3LZGLA88K0LA0	856	6
	DVD	A82LIVYSX6WZ9	683	7
	DVD	A152C8GYY25HAH	675	8
	DVD	A16CZRQL23NOIW	651	9
	DVD	A1CZICCYP2M5PX	650	10
	Sports	A18ZVYTEDAOF9A	1	1
	Sports	A1W180Y9O1FALI	1	2
	Sports	A2RHSQZ7MAKKCO	1	3
	Sports	A3O8EZOX2P399L	1	4
	Sports	AL62LOJKDES3M	1	5
	Baby Product	A2LAH8VX720175	1	1
	Baby Product	A37TFIP0OMKGMW	1	2
	Baby Product	AI9SB5VKUFXDC	1	3
	Video Games	A1M4NJYP0WNL8Q	1	1
	Video Games	A226EDS7WDF7S1	1	2
	Video Games	A3C811U31YG6FS	1	3
	Book	ATVPDKIKX0DER	643185	1
	Book	A3UN6WX5RRO2AG	154531	2
	Book	A14OJS0VWMOSWO	9589	3
	Book	AFVQZQ8PW0L	5441	4
	Book	A1K1JW1C5CUSUZ	3562	5
	Book	A2NJO6YE954DBH	2055	6
	Book	A3QVAKVRAH657N	1651	7
	Book	A1NATT3PN24QWY	1535	8
	Book	A1D2C0WDCSHUWZ	1508	9

+-----+-----+-----+-----+

only showing top 50 rows

Utilizando views:

+-----+-----+-----+-----+

	group	customer	freq	rank
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+-----+-----+-----+-----+

	Video	ATVPDKIKX0DER	72581	1
	Video	A3UN6WX5RRO2AG	15814	2
	Video	A2NJO6YE954DBH	1775	3
	Video	AU8552YCOO5QX	1205	4
	Video	A3P1A63Q8L32C5	737	5
	Video	A20EEWWSFMZ1PN	720	6

	Video A16CZRQL23NOIW	668	7
	Video A3LZGLA88K0LA0	614	8
	Video A2QRB6L1MCJ53G	606	9
	Video A152C8GYY25HAH	583	10
	Toy A1SB7SB31ETYZH	2	1
	Toy AH4M07U4YC695	2	1
	Toy ATVPDKIKX0DER	2	1
	Toy A2KTGCRR7UZRG7	1	4
	Toy A1A2RJXP6T26PD	1	4
	Toy A3UN6WX5RRO2AG	1	4
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	Toy A2PJ7WLZ38F47S	1	4
	Toy A2JTMTR2BZGLX	1	4
	Toy A20AL96IIDAEBU	1	4
	Toy A1BAZPQGXE VWRT	1	4
	Toy A20R67CABJH79P	1	4
	Toy A1ITRIM68VLZG3	1	4
	Toy AU8PR9XJ17CCB	1	4
	Toy A1T3I4JU36IPM5	1	4
	Toy AQJ2XVMHXGN9A	1	4
	Toy A3S4OTTDBRQ6I1	1	4
	Toy A1QW8PHDJBH4IC	1	4
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	Toy A2U1T90IOVPBAR	1	4
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	Toy A1DTHMM2Y5KY0	1	4
	Toy A3O19HBWE10FFJ	1	4
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	Toy A1K9DVRKH6TZ1L	1	4
	Toy A3DWA4FRL41NQD	1	4
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	Toy A1ZO50XHPV0QPQ	1	4
	Toy A1LEF9EM2DFDP2	1	4
	Toy A1OA2ZW406NQXM	1	4
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	DVD A2NJO6YE954DBH	1366	3
	DVD AU8552YCOO5QX	1213	4

	DVD A3P1A63Q8L32C5	859	5
	DVD A3LZGLA88K0LA0	856	6
	DVD A82LIVYSX6WZ9	683	7
	DVD A152C8GYY25HAH	675	8
	DVD A16CZRQL23NOIW	651	9
	DVD A1CZICCYP2M5PX	650	10
	Sports A2RHSQZ7MAKKCO	1	1
	Sports A1W180Y9O1FALI	1	1
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	Book A3QVAKVRAH657N 1651	7	
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	Book A2ODBHT4URXVXQ 1469	10	
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	Music A2U49LUUY4IKQQ 1258	4	
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