

Sebastián Navarro
EDVai
Bootcamp Data Engineer
Ejercicio 03

01

	RBC category_name	123 category_id	RBC product_name	123 unit_price	123 avgpricebycategory
1	Beverages	1	Guaraná Fantástica	4,5	37,9791666667
2	Beverages	1	Ipoh Coffee	46	37,9791666667
3	Beverages	1	Chartreuse verte	18	37,9791666667
4	Beverages	1	Côte de Blaye	263,5	37,9791666667
5	Beverages	1	Steeleye Stout	18	37,9791666667
6	Beverages	1	Sasquatch Ale	14	37,9791666667
7	Beverages	1	Lakkalikööri	18	37,9791666667
8	Beverages	1	Rhönbräu Klosterbier	7,75	37,9791666667
9	Beverages	1	Outback Lager	15	37,9791666667
10	Beverages	1	Chai	18	37,9791666667
11	Beverages	1	Laughing Lumberjack La	14	37,9791666667
12	Beverages	1	Chang	19	37,9791666667
13	Condiments	2	Gula Malacca	19,450000763	22,8541668256
14	Condiments	2	Original Frankfurter grün	13	22,8541668256

02

	123 avgorderamount	123 order_id	RBC customer_id	123 employee_id	order_date	required_date
1	383,0166670481	10.702	ALFKI	4	1997-10-13	1997-11-24
2	383,0166670481	10.643	ALFKI	6	1997-08-25	1997-09-22
3	383,0166670481	10.952	ALFKI	1	1998-03-16	1998-04-27
4	383,0166670481	11.011	ALFKI	3	1998-04-09	1998-05-07
5	383,0166670481	11.011	ALFKI	3	1998-04-09	1998-05-07
6	383,0166670481	10.692	ALFKI	4	1997-10-03	1997-10-31
7	383,0166670481	10.643	ALFKI	6	1997-08-25	1997-09-22
8	383,0166670481	10.643	ALFKI	6	1997-08-25	1997-09-22
9	383,0166670481	10.835	ALFKI	1	1998-01-15	1998-02-12
10	383,0166670481	10.952	ALFKI	1	1998-03-16	1998-04-27
11	383,0166670481	10.702	ALFKI	4	1997-10-13	1997-11-24
12	383,0166670481	10.835	ALFKI	1	1998-01-15	1998-02-12
13	140,2949990273	10.308	ANATR	7	1996-09-18	1996-10-16
14	140,2949990273	10.926	ANATR	4	1998-03-04	1998-04-01

03

	ABC product_name	ABC category_name	ABC quantity_per_unit	123 unit_price	123 quantity	123 avgquantity
1	Chai	Beverages	10 boxes x 30 bags	14,399999619	10	23,594059405!
2	Chai	Beverages	10 boxes x 30 bags	18	25	23,594059405!
3	Chai	Beverages	10 boxes x 30 bags	18	21	23,594059405!
4	Chai	Beverages	10 boxes x 30 bags	18	60	23,594059405!
5	Chai	Beverages	10 boxes x 30 bags	18	20	23,594059405!
6	Chai	Beverages	10 boxes x 30 bags	18	4	23,594059405!
7	Chai	Beverages	10 boxes x 30 bags	18	10	23,594059405!
8	Chai	Beverages	10 boxes x 30 bags	18	8	23,594059405!
9	Chai	Beverages	10 boxes x 30 bags	18	10	23,594059405!
10	Chai	Beverages	10 boxes x 30 bags	18	40	23,594059405!
11	Chai	Beverages	10 boxes x 30 bags	18	6	23,594059405!
12	Chai	Beverages	10 boxes x 30 bags	18	3	23,594059405!
13	Chai	Beverages	10 boxes x 30 bags	18	15	23,594059405!
14	Chai	Beverages	10 boxes x 30 bags	18	8	23,594059405!
15	Chai	Beverages	10 boxes x 30 bags	18	10	23,594059405!

04

	ABC customer_id	🕒 order_date	🕒 earliestorderdate
1	🔗 ALFKI	1998-01-15	1997-08-25
2	🔗 ALFKI	1997-10-03	1997-08-25
3	🔗 ALFKI	1998-04-09	1997-08-25
4	🔗 ALFKI	1997-10-13	1997-08-25
5	🔗 ALFKI	1997-08-25	1997-08-25
6	🔗 ALFKI	1998-03-16	1997-08-25
7	🔗 ANATR	1997-08-08	1996-09-18
8	🔗 ANATR	1998-03-04	1996-09-18
9	🔗 ANATR	1996-09-18	1996-09-18
10	🔗 ANATR	1997-11-28	1996-09-18
11	🔗 ANTON	1997-09-22	1996-11-27
12	🔗 ANTON	1997-05-13	1996-11-27
13	🔗 ANTON	1998-01-28	1996-11-27
14	🔗 ANTON	1997-09-25	1996-11-27
15	🔗 ANTON	1997-04-15	1996-11-27
16	🔗 ANTON	1997-06-19	1996-11-27

05

	123 product_id	ABC product_name	123 unit_price	123 category_id	123 maxunitprice
1	24	Guaraná Fantástica	4,5	1	263,5
2	43	Ipoh Coffee	46	1	263,5
3	39	Chartreuse verte	18	1	263,5
4	38	Côte de Blaye	263,5	1	263,5
5	35	Steeleye Stout	18	1	263,5
6	34	Sasquatch Ale	14	1	263,5
7	76	Lakkalikööri	18	1	263,5
8	75	Rhönbräu Klosterbier	7,75	1	263,5
9	70	Outback Lager	15	1	263,5
10	1	Chai	18	1	263,5
11	67	Laughing Lumberjack Lager	14	1	263,5
12	2	Chang	19	1	263,5
13	44	Gula Malacca	19,450000763	2	43,90000153
14	77	Original Frankfurter grüne Soße	13	2	43,90000153
15	8	Northwoods Cranberry Sauce	40	2	43,90000153
16	66	Louisiana Hot Spiced Okra	17	2	43,90000153

06

	123 ranking	ABC product_name	123 product_id	123 sum
1	1	Camembert Pierrot	60	1.577
2	2	Raclette Courdavault	59	1.496
3	3	Gorgonzola Telino	31	1.397
4	4	Gnocchi di nonna Alice	56	1.263
5	5	Pavlova	16	1.158
6	6	Rhönbräu Klosterbier	75	1.155
7	7	Guaraná Fantástica	24	1.125
8	8	Boston Crab Meat	40	1.103
9	9	Tarte au sucre	62	1.083
10	10	Flotemysost	71	1.057
11	11	Chang	2	1.057
12	12	Sir Rodney's Scones	21	1.016
13	13	Jack's New England Clam Chowder	41	981
14	14	Lakkalikööri	76	981
15	15	Alice Mutton	17	978
16	16	Dâté chinoise	55	902

07

	123 rownumber	ABC customer_id	ABC company_name	ABC contact_name	ABC contact_title	ABC address
1	1	ALFKI	Alfreds Futterkiste	Maria Anders	Sales Representative	Obere S
2	2	ANATR	Ana Trujillo Emparedados y helados	Ana Trujillo	Owner	Avda. de
3	3	ANTON	Antonio Moreno Taquería	Antonio Moreno	Owner	Matader
4	4	AROUT	Around the Horn	Thomas Hardy	Sales Representative	120 Han
5	5	BERGS	Berglunds snabbköp	Christina Berglund	Order Administrator	Berguvs
6	6	BLAUS	Blauer See Delikatessen	Hanna Moos	Sales Representative	Forsters
7	7	BLONP	Blondesddsl père et fils	Frédérique Citeaux	Marketing Manager	24, plac
8	8	BOLID	Bólido Comidas preparadas	Martín Sommer	Owner	C/ Araqu
9	9	BONAP	Bon app'	Laurence Lebihan	Owner	12, rue d
10	10	BOTTM	Bottom-Dollar Markets	Elizabeth Lincoln	Accounting Manager	23 Tsaw
11	11	BSBEV	B's Beverages	Victoria Ashworth	Sales Representative	Fauntler
12	12	CACTU	Cactus Comidas para llevar	Patricio Simpson	Sales Agent	Cerrito 3
13	13	CENTC	Centro comercial Moctezuma	Francisco Chang	Marketing Manager	Sierras c
14	14	CHOPS	Chop-suey Chinese	Yang Wang	Owner	Hauptstr
15	15	COMMI	Comércio Mineiro	Pedro Afonso	Sales Associate	Av. dos I
16	16	CONSH	Consolidated Holdings	Elizabeth Brown	Sales Representative	Berkeley

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	123 row_number	ABC employeeename	🕒 birth_date
1	1	Anne Dodsworth	1966-01-27
2	2	Janet Leverling	1963-08-30
3	3	Michael Suyama	1963-07-02
4	4	Robert King	1960-05-29
5	5	Laura Callahan	1958-01-09
6	6	Steven Buchanan	1955-03-04
7	7	Andrew Fuller	1952-02-19
8	8	Nancy Davolio	1948-12-08
9	9	Margaret Peacock	1937-09-19

09

	123 sumorderamount	123 order_id	ABC customer_id	123 employee_id	🕒 order_date	🕒 required_date
1	4.596,2000045776	10.952	🔗 ALFKI	1 🔗	1998-03-16	1998-04-27
2	4.596,2000045776	11.011	🔗 ALFKI	3 🔗	1998-04-09	1998-05-07
3	4.596,2000045776	10.952	🔗 ALFKI	1 🔗	1998-03-16	1998-04-27
4	4.596,2000045776	10.643	🔗 ALFKI	6 🔗	1997-08-25	1997-09-22
5	4.596,2000045776	10.643	🔗 ALFKI	6 🔗	1997-08-25	1997-09-22
6	4.596,2000045776	11.011	🔗 ALFKI	3 🔗	1998-04-09	1998-05-07
7	4.596,2000045776	10.835	🔗 ALFKI	1 🔗	1998-01-15	1998-02-12
8	4.596,2000045776	10.702	🔗 ALFKI	4 🔗	1997-10-13	1997-11-24
9	4.596,2000045776	10.835	🔗 ALFKI	1 🔗	1998-01-15	1998-02-12
10	4.596,2000045776	10.702	🔗 ALFKI	4 🔗	1997-10-13	1997-11-24
11	4.596,2000045776	10.692	🔗 ALFKI	4 🔗	1997-10-03	1997-10-31
12	4.596,2000045776	10.643	🔗 ALFKI	6 🔗	1997-08-25	1997-09-22
13	1.402,9499902725	10.625	🔗 ANATR	3 🔗	1997-08-08	1997-09-05
14	1.402,9499902725	10.625	🔗 ANATR	3 🔗	1997-08-08	1997-09-05
15	1.402,9499902725	10.759	🔗 ANATR	3 🔗	1997-11-28	1997-12-26
16	1.402,9499902725	10.625	🔗 ANATR	3 🔗	1997-08-08	1997-09-05

10

	ABC category_name ▼	ABC product_name ▼	123 unit_price ▼	123 quantity ▼	123 totalsales ▼
1	Beverages	Chai	14,399999619	10	286.526,9500956535
2	Beverages	Chai	18	25	286.526,9500956535
3	Beverages	Chai	18	21	286.526,9500956535
4	Beverages	Chai	18	60	286.526,9500956535
5	Beverages	Chai	18	20	286.526,9500956535
6	Beverages	Chai	18	4	286.526,9500956535
7	Beverages	Chai	18	10	286.526,9500956535
8	Beverages	Chai	18	8	286.526,9500956535
9	Beverages	Chai	18	10	286.526,9500956535
10	Beverages	Chai	18	40	286.526,9500956535
11	Beverages	Chai	18	6	286.526,9500956535
12	Beverages	Chai	18	3	286.526,9500956535
13	Beverages	Chai	18	15	286.526,9500956535
14	Beverages	Chai	18	8	286.526,9500956535
15	Beverages	Chai	18	10	286.526,9500956535

11

	ABC ship_country ▼	123 order_id ▼	🕒 shipped_date ▼	123 freight ▼	123 sum ▼
1	Argentina	10.916	1998-03-09	63,770000458	595,08007812
2	Argentina	10.986	1998-04-21	217,860000061	595,08007812
3	Argentina	10.521	1997-05-02	17,219999313	595,08007812
4	Argentina	10.782	1997-12-22	1,100000024	595,08007812
5	Argentina	10.898	1998-03-06	1,269999981	595,08007812
6	Argentina	10.448	1997-02-24	38,819999695	595,08007812
7	Argentina	10.531	1997-05-19	8,119999886	595,08007812
8	Argentina	10.828	1998-02-04	90,849998474	595,08007812
9	Argentina	10.881	1998-02-18	2,839999914	595,08007812
10	Argentina	10.937	1998-03-13	31,510000229	595,08007812
11	Argentina	10.819	1998-01-16	19,760000229	595,08007812
12	Argentina	10.958	1998-03-27	49,560001373	595,08007812
13	Argentina	10.409	1997-01-14	29,829999924	595,08007812
14	Argentina	10.716	1997-10-27	22,569999695	595,08007812
15	Austria	10.854	1998-02-05	100,220001221	7.053,40039062
16	Austria	10.764	1997-12-08	145,449996948	7.053,40039062

12

	ABC customer_id ▼	ABC company_name ▼	123 totalsales ▼	123 rank ▼
1	QUICK	QUICK-Stop	117.483,390147686	1
2	SAVEA	Save-a-lot Markets	115.673,3896427155	2
3	ERNSH	Ernst Handel	113.236,6797819138	3
4	HUNGO	Hungry Owl All-Night Grocers	57.317,390162468	4
5	RATTC	Rattlesnake Canyon Grocery	52.245,900346756	5
6	HANAR	Hanari Carnes	34.101,1499738693	6
7	FOLKO	Folk och få HB	32.555,5500192642	7
8	MEREP	Mère Paillard	32.203,9002342224	8
9	KOENE	Königlich Essen	31.745,7498931885	9
10	QUEEN	Queen Cozinha	30.226,1001796722	10
11	WHITC	White Clover Markets	29.073,44992733	11
12	FRANK	Frankenversand	28.722,709939003	12
13	BERGS	Berglunds snabbköp	26.968,1499304771	13
14	PICCO	Piccolo und mehr	26.259,9500846863	14
15	SUPDD	Suprêmes délices	24.701,4003038406	15

13

	123 employee_id ▼	ABC first_name ▼	ABC last_name ▼	hire_date ▼	123 rank ▼
1	3	Janet	Leverling	1992-04-01	1
2	1	Nancy	Davolio	1992-05-01	2
3	2	Andrew	Fuller	1992-08-14	3
4	4	Margaret	Peacock	1993-05-03	4
5	5	Steven	Buchanan	1993-10-17	5
6	6	Michael	Suyama	1993-10-17	5
7	7	Robert	King	1994-01-02	7
8	8	Laura	Callahan	1994-03-05	8
9	9	Anne	Dodsworth	1994-11-15	9





















14

	123 product_id ▼	ABC product_name ▼	123 unit_price ▼	123 rank ▼
1	38	Côte de Blaye	263,5	1
2	29	Thüringer Rostbratwurst	123,790000916	2
3	9	Mishi Kobe Niku	97	3
4	20	Sir Rodney's Marmalade	81	4
5	18	Carnarvon Tigers	62,5	5
6	59	Raclette Courdavault	55	6
7	51	Manjimup Dried Apples	53	7
8	62	Tarte au sucre	49,299999237	8
9	43	Ipoh Coffee	46	9
10	28	Rössle Sauerkraut	45,599998474	10
11	27	Schoggi Schokolade	43,900001526	11
12	63	Vegie-spread	43,900001526	11
13	8	Northwoods Cranberry Sauce	40	13
14	17	Alice Mutton	39	14
15	56	Gnocchi di nonna Alice	38	15
16	12	Queso Manchego La Pastora	38	15






15

	123 order_id ▼	123 product_id ▼	123 quantity ▼	123 lag ▼
1	10.248	11 ↗	12	[NULL]
2	10.248	42 ↗	10	12
3	10.248	72 ↗	5	10
4	10.249	14 ↗	9	5
5	10.249	51 ↗	40	9
6	10.250	41 ↗	10	40
7	10.250	51 ↗	35	10
8	10.250	65 ↗	15	35
9	10.251	22 ↗	6	15
10	10.251	57 ↗	15	6
11	10.251	65 ↗	20	15
12	10.252	20 ↗	40	20
13	10.252	33 ↗	25	40
14	10.252	60 ↗	40	25
15	10.253	31 ↗	20	40
16	10.253	39 ↗	12	20

16

	 order_id	 order_date	 customer_id	 lag
1	10.643	1997-08-25	 ALFKI	[NULL]
2	10.692	1997-10-03	 ALFKI	1997-08-25
3	10.702	1997-10-13	 ALFKI	1997-10-03
4	10.835	1998-01-15	 ALFKI	1997-10-13
5	10.952	1998-03-16	 ALFKI	1998-01-15
6	11.011	1998-04-09	 ALFKI	1998-03-16
7	10.308	1996-09-18	 ANATR	[NULL]
8	10.625	1997-08-08	 ANATR	1996-09-18
9	10.759	1997-11-28	 ANATR	1997-08-08
10	10.926	1998-03-04	 ANATR	1997-11-28
11	10.365	1996-11-27	 ANTON	[NULL]
12	10.507	1997-04-15	 ANTON	1996-11-27
13	10.535	1997-05-13	 ANTON	1997-04-15
14	10.573	1997-06-19	 ANTON	1997-05-13
15	10.677	1997-09-22	 ANTON	1997-06-19
16	10.688	1997-09-25	 ANTON	1997-09-22

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	 product_id	 product_name	 unit_price	 lastunitprice	 pricedifference
1	1	Chai	18	[NULL]	[NULL]
2	2	Chang	19	18	1
3	3	Aniseed Syrup	10	19	-9
4	4	Chef Anton's Cajun Seasoning	22	10	12
5	5	Chef Anton's Gumbo Mix	21,350000381	22	-0,64999962
6	6	Grandma's Boysenberry Spread	25	21,35000038	3,64999962
7	7	Uncle Bob's Organic Dried Pears	30	25	5
8	8	Northwoods Cranberry Sauce	40	30	10
9	9	Mishi Kobe Niku	97	40	57
10	10	Ikura	31	97	-66
11	11	Queso Cabrales	21	31	-10
12	12	Queso Manchego La Pastora	38	21	17
13	13	Konbu	6	38	-32
14	14	Tofu	23,25	6	17,25
15	15	Genen Shouyu	13	23,25	-10,25
16	16	Pavlova	17,450000763	13	4,450000763

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	123 product_id ▼	ABC product_name ▼	123 unit_price ▼	123 nextunitprice ▼
1	1	Chai	18	19
2	2	Chang	19	10
3	3	Aniseed Syrup	10	22
4	4	Chef Anton's Cajun Seasoning	22	21,35000038
5	5	Chef Anton's Gumbo Mix	21,350000381	25
6	6	Grandma's Boysenberry Spread	25	30
7	7	Uncle Bob's Organic Dried Pears	30	40
8	8	Northwoods Cranberry Sauce	40	97
9	9	Mishi Kobe Niku	97	31
10	10	Ikura	31	21
11	11	Queso Cabrales	21	38
12	12	Queso Manchego La Pastora	38	6
13	13	Konbu	6	23,25
14	14	Tofu	23,25	13
15	15	Genen Shouyu	13	17,45000076
16	16	Pavlova	17,450000763	39

19

	ABC category_name ▼	123 totalsales ▼	123 lead ▼
1	Beverages	286.526,9500956535	113.694,7496814728
2	Condiments	113.694,7496814728	177.099,1006007195
3	Confections	177.099,1006007195	251.330,4997959137
4	Dairy Products	251.330,4997959137	100.726,7999253273
5	Grains/Cereals	100.726,7999253273	178.188,8009858131
6	Meat/Poultry	178.188,8009858131	105.268,6001739502
7	Produce	105.268,6001739502	141.623,0891823769
8	Seafood	141.623,0891823769	[NULL]