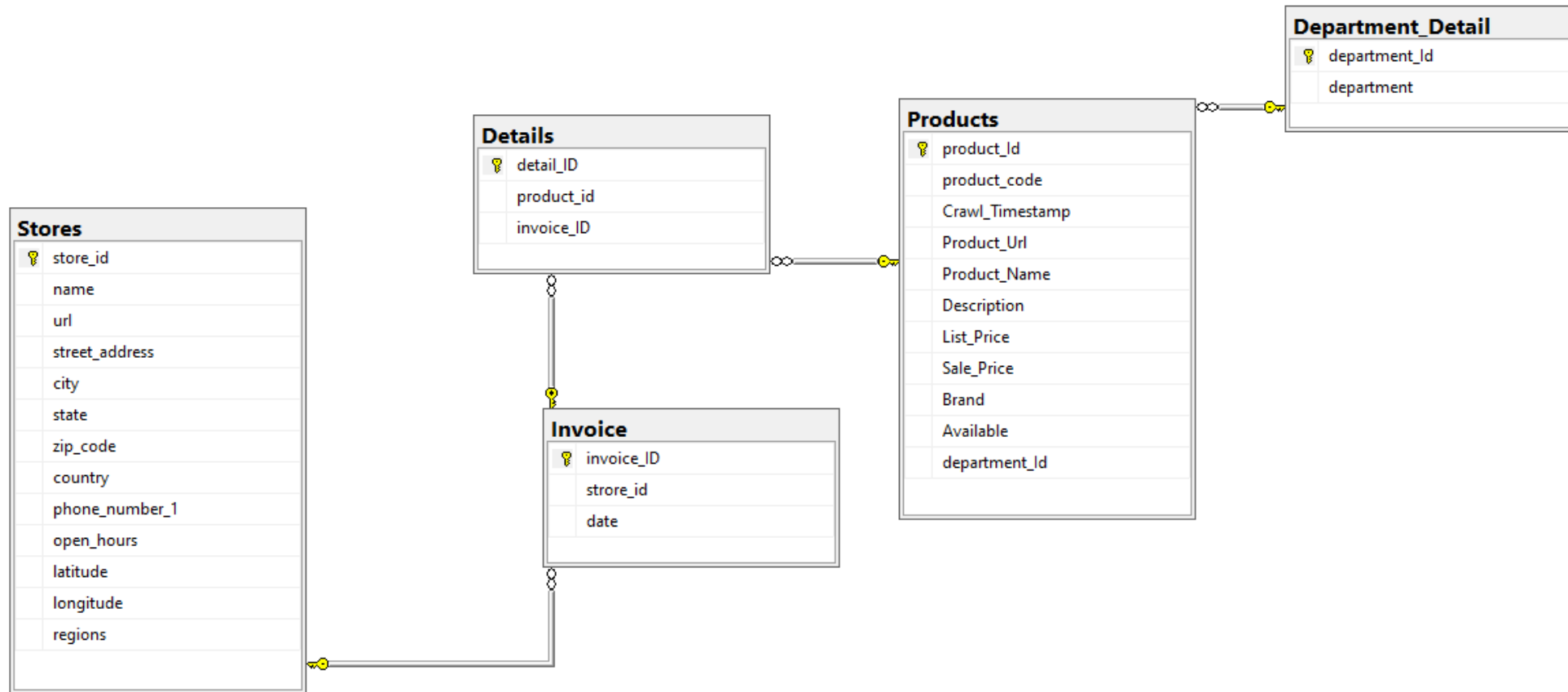




SQL FOR DATA ANALYSIS

Mauricio Montero Marin

WALMART DB



- walmartDB
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.Department_Detail
 - dbo.Details
 - dbo.Invoice
 - dbo.Products
 - dbo.Stores

PRACTICE #1: PART 1

Run a query query that extracts the information from the first 20 rows, from each of the loaded bases, take a screenshot of each result and its respective query and save it as you will need it as evidence to validate the course deliverables.

```
/*----- Script for SelectTopNRows command from SSMS -----*/
```

```
SELECT TOP (20) [department_Id]  
      , [department]  
FROM [walmartDB].[dbo].[Department_Detail]
```

100 %

Results Messages

	department_Id	department
1	dep001	Health
2	dep002	Food
3	dep003	Pets
4	dep004	Beauty
5	dep005	Household Essentials
6	dep006	Office
7	dep007	Home
8	dep008	Clothing
9	dep009	Sports & Outdoors
10	dep010	Personal Care
11	dep011	Party & Occasions
12	dep012	Shop by Brand
13	dep013	Baby
14	dep014	Walmart for Business
15	dep015	Auto & Tires
16	dep016	Arts, Crafts & Sewing
17	dep017	Premium Beauty
18	dep018	Home Improvement
19	dep019	Electronics

SQLQuery3.sql - lo...LFM\Mauricio (57))* -> X SQLQuery2.sql - lo...LFM\Mauricio (56)

```
/****** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (20) [detail_ID]
, [product_id]
, [invoice_ID]
FROM [walmartDB].[dbo].[Details]
```

100 %

Results		Messages	
	detail_ID	product_id	invoice_ID
1	1	1	FYvAyOZUkk
2	2	2	QQPs2a6GQq
3	3	3	FMNWyU7jGE
4	4	4	KMsjcxipOU
5	5	5	ZhZln7MiTg
6	6	6	rO0uoe2cJn
7	7	7	BktUyni2ow
8	8	8	GKEhNiWOZ
9	9	9	gV7MajYyT
10	10	10	MptYsGeSrK
11	11	11	q90giyAnEF
12	12	12	TS7KqErwGN
13	13	13	yoe8jhEzii
14	14	14	atVZy0ZYtn
15	15	15	BhvkKlboFG
16	16	16	B18o44XUZf
17	17	17	uMB6soeJV4
18	18	18	vMq58TZYOH
19	19	19	krCgPUiwVe

Query executed successfully.

SQLQuery4.sql - lo...LFM\Mauricio (59)* X SQLC
/***** Script for SelectTopNRows cor
SELECT TOP (20) [invoice_ID]
,[store_id]
,[date]
FROM [walmartDB].[dbo].[Invoice]

100 %

Results				Messages			
	invoice_ID	store_id	date				
1	00SiCiBgIL	2539	10/16/2021				
2	01cE0PA57V	1757	10/15/2021				
3	01e23HUjGX	3771	10/10/2021				
4	01xdEIKDul	1996	10/11/2021				
5	02oCiLjdmw	3076	10/14/2021				
6	032WMcx5ei	3331	10/14/2021				
7	03Jb47ziC	4063	10/13/2021				
8	04lvi1H37U	27	10/12/2021				
9	04kvVFyT0i	2687	10/15/2021				
10	04oxzM9b1Q	2511	10/12/2021				
11	04WgeKjnaL	425	10/15/2021				
12	05g42sHXBU	1239	10/12/2021				
13	05fSgqoLm	915	10/15/2021				
14	06PylaBGfM	212	10/12/2021				
15	06zdzBT5Lc	3404	10/13/2021				
16	094CZLxr1R	352	10/11/2021				
17	09Csl8I2WC	608	10/14/2021				
18	09wGGr7rNU	1008	10/14/2021				
19	09XVdEreZt	1380	10/12/2021				

```

/***** Script for SelectTopNRows command from SSMS *****/

```

```

SELECT TOP (20) [product_Id]
      ,[product_code]
      ,[Crawl_Timestamp]
      ,[Product_Url]
      ,[Product_Name]
      ,[Description]
      ,[List_Price]
      ,[Sale_Price]
      ,[Brand]
      ,[Available]
      ,[department_Id]
FROM [walmartDB].[dbo].[Products]

```

100 %

Results Messages

	product_Id	product_code	Crawl_Timestamp	Product_Url	Product_Name	Description	List_Pri
3	3	4d237340ae8361b4bb4f51e8a6128c8b	2019-03-22 17:10:04 +0000	https://www.walmart.com/ip/In-Style-Eyes-Cateye-Tw...	In Style Eyes Cateye Two Tone Reading Glasses	Stunning Looking Cat Eye Two Tone Reading Glasses g...	19.99
4	4	d6dbc29d5782a88db9082d81ad04089c	2019-03-22 17:10:04 +0000	https://www.walmart.com/ip/In-Style-Eyes-Cateye-Tw...	In Style Eyes Cateye Two Tone Reading Glasses	Stunning Looking Cat Eye Two Tone Reading Glasses g...	19.99
5	5	9e51356d763e53dc622c92e3a86f9ef8	2019-03-22 17:46:46 +0000	https://www.walmart.com/ip/Upper-Crust-Caribbean-C...	Upper Crust Caribbean Coconut Panko Bread Crumbs, 1...	I Size information : 1-10 POUND Upper Crust Caribbean ...	39.96
6	6	6fe8e4a8b0983d9c7cb73196a0a1f619	2019-03-22 17:35:44 +0000	https://www.walmart.com/ip/Fish-Tank-Ornament-Pla...	Fish Tank Ornament Plastic Decoration Plant Suction C...	Material: Plastic; Plant Size: about 20 cm long Net Weig...	199.99
7	7	60a82e436e09d9e72d66457d0c0e1758	2019-03-22 18:11:13 +0000	https://www.walmart.com/ip/3-Pack-Black-Peel-Off-M...	3-Pack Black Peel-Off Mask for Deep Cleansing, Purify...	ELIMINATES BLACKHEADS, ACNE, hair softener â€” A...	19.54
8	8	7ca0a58d3e8538acac5084765e93626f	2019-03-22 17:27:26 +0000	https://www.walmart.com/ip/Replacement-for-LIONE...	Replacement for LIONEL TOY TRAIN 671-75 replacem...	Volts: 12.80 Watts: 50 Amps: 3.906 Bulb Shape: T2.75 ...	32.51
9	9	2c4a607ab9dae7ede8a499c6c7347ae3	2019-03-22 18:29:28 +0000	https://www.walmart.com/ip/American-Foxhound-Chri...	American Foxhound Christmas Sticky Note Holder BB84...	TAKE note! The perfect gift for anyone! This Sticky Note...	10.59
10	10	2c40b519adf279ec237c9d5cfec0ddc	2019-03-22 18:34:21 +0000	https://www.walmart.com/ip/Ironwood-Modular-3-H-x-...	Ironwood Modular 3" H x 23" W Desk Keyboard Platform	Features: -Modular collection. -Color: Black. -1 Year warr...	680
11	11	7633b31b85e976bfc56eca208f0ec544	2019-03-22 18:34:03 +0000	https://www.walmart.com/ip/Classique-766-Post-Mast...	Classique 766 Post Mastectomy Fashion Bra-Beige/Skin...	Classique 766 Post Mastectomy Fashion Bra-Beige/Skin...	56
12	12	c8a6826ae0a1045cf71aef1985ed9256	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
13	13	11e02ac06b49a11143ce0ee86f69b7dd	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
14	14	6a218b9b211175be5fba8486f27be4d0	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
15	15	54d34a7048c18592b10d5d00020198b5	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
16	16	dd2fdbf0de61d5bcb6b1cac9580804ac	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
17	17	5d0333f53bb04dd23ecf6e6f3b7b109a	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
18	18	a579eb34931d26e7e756ada8c913b53c	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
19	19	6c5f5bd33aaa42366965ea20b2e55e49	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99
20	20	1fa1be63a258c4c8712de58a69333daf	2019-03-22 17:46:54 +0000	https://www.walmart.com/ip/Ames-Walker-AW-Style-...	Ames Walker AW Style 16 Sheer Support 15-20mmHg ...	There's a reason our AW Style 16 Sheer Knee High is o...	46.99

```

/***** Script for SelectTopNRows command from SSMS *****/

```

```

SELECT TOP (20) [store_id]
      ,[name]
      ,[url]
      ,[street_address]
      ,[city]
      ,[state]
      ,[zip_code]
      ,[country]
      ,[phone_number_1]
      ,[open_hours]
      ,[latitude]
      ,[longitude]
      ,[regions]
FROM [walmartDB].[dbo].[Stores]

```

100 %

Results Messages

	store_id	name	url	street_address	city	state	zip_code	country	phone_number_1	open_hours	latitude	longitude
1	1	Conway Supercenter	https://www.walmart.com/store/5/conway-ar/details	1155 Hwy 65 North	Conway	AR	72032	US	501-329-0023	monday - friday : 00:00-24:00, saturday : 00:00-...	35.10866	-92.4369
2	2	Sikeston Supercenter	https://www.walmart.com/store/9/sikeston-mo/details	1303 S Main St	Sikeston	MO	63801	US	573-472-3020	monday - friday : 00:00-24:00, saturday : 00:00-...	36.857394	-89.5860
3	3	Tahlequah Supercenter	https://www.walmart.com/store/10/tahlequah-ok/details	2020 S Muskogee Ave	Tahlequah	OK	74464	US	918-456-8804	monday - friday : 00:00-24:00, saturday : 00:00-...	35.888765	-94.9798
4	4	Mountain Home Supercenter	https://www.walmart.com/store/11/mountain-home-ar/details	65 Wal Mart Dr	Mountain Home	AR	72653	US	870-492-9299	monday - friday : 00:00-24:00, saturday : 00:00-...	36.3549565	-92.3410
5	5	Claremore Supercenter	https://www.walmart.com/store/12/claremore-ok/details	1500 S Lynn Riggs Blvd	Claremore	OK	74017	US	918-341-2765	monday - friday : 00:00-24:00, saturday : 00:00-...	36.293955	-95.6271
6	6	Carthage Supercenter	https://www.walmart.com/store/13/carthage-mo/details	2705 Grand Ave	Carthage	MO	64836	US	417-358-3000	monday - friday : 00:00-24:00, saturday : 00:00-...	37.141958	-94.3132
7	7	Rogers Supercenter	https://www.walmart.com/store/1/rogers-ar/details	2110 W Walnut St	Rogers	AR	72756	US	479-636-3222	monday - friday : 00:00-24:00, saturday : 00:00-...	36.3313	-94.1490
8	8	Siloam Springs Supercenter	https://www.walmart.com/store/4/siloam-springs-ar/details	2901 Highway 412 E	Siloam Springs	AR	72761	US	479-524-5101	monday - friday : 00:00-24:00, saturday : 00:00-...	36.183467	-94.5126
9	9	Lebanon Supercenter	https://www.walmart.com/store/14/lebanon-mo/details	1800 S Jefferson Ave	Lebanon	MO	65536	US	417-588-2268	monday - friday : 00:00-24:00, saturday : 00:00-...	37.663493	-92.6458
10	10	West Plains Supercenter	https://www.walmart.com/store/15/west-plains-mo/details	1310 Preacher Roe Blvd	West Plains	MO	65775	US	417-257-2800	monday - friday : 00:00-24:00, saturday : 00:00-...	36.714712	-91.8703
11	11	Sherwood Supercenter	https://www.walmart.com/store/7/sherwood-ar/details	9053 Highway 107	Sherwood	AR	72120	US	501-833-0972	monday - friday : 00:00-24:00, saturday : 00:00-...	34.838767	-92.2368
12	12	Hamison Supercenter	https://www.walmart.com/store/2/hamison-ar/details	161 N Walmart Dr	Hamison	AR	72601	US	870-365-8400	monday - friday : 00:00-24:00, saturday : 00:00-...	36.269042	-93.1390
13	13	Commerce Supercenter	https://www.walmart.com/store/3/commerce-ga/details	30983 Highway 441 S	Commerce	GA	30529	US	706-335-7563	monday - friday : 00:00-24:00, saturday : 00:00-...	34.247854	-83.4566
14	14	Van Buren Supercenter	https://www.walmart.com/store/16/van-buren-ar/details	2214 Fayetteville Rd	Van Buren	AR	72956	US	479-474-2314	monday - friday : 00:00-24:00, saturday : 00:00-...	35.469113	-94.3534
15	15	Newport Supercenter	https://www.walmart.com/store/18/newport-ar/details	1211 Highway 367 N	Newport	AR	72112	US	870-523-2500	monday - friday : 06:00-23:00, saturday : 06:00-...	35.618058	-91.2549
16	16	Momilton Supercenter	https://www.walmart.com/store/8/momilton-ar/details	1621 North Business 9	Momilton	AR	72110	US	501-354-0290	monday - friday : 00:00-24:00, saturday : 00:00-...	35.168795	-92.7267
17	17	Neosho Supercenter	https://www.walmart.com/store/17/neosho-mo/details	3200 Lusk Dr	Neosho	MO	64850	US	417-451-5544	monday - friday : 00:00-24:00, saturday : 00:00-...	36.839161	-94.3972
18	18	Saint Robert Supercenter	https://www.walmart.com/store/21/saint-robert-mo/details	185 Saint Robert Blvd	Saint Robert	MO	65584	US	573-336-5103	monday - friday : 00:00-24:00, saturday : 00:00-...	37.825154	-92.1522

PRACTICE #1: PART 2

For any Data Analysis you will always have to perform an exploration with the information you are working on, so make your first queries. Selecciona de la Tabla **Date** las primeras 100 Filas.

1. Make a Distinctive query of the Year column and sort from most recent to oldest year. This will allow us to understand the scope of our Database. Extrae los fines de semana (sábado y domingo) en tu base de datos, del año 2018.
2. Make a query that brings the grouped months and order them from January to December
3. From the Electoral Roll Table, search for people who have the initial of the first name equal to the initial of your own name and that their first surname is also equal to your own first surname. For example, if your name is Esteban Madrigal, the query should bring all people with the surname Madrigal and that their name begins with "E".

SELECT TOP 100 * FROM [Date];

100 %

Results

Messages

	Fecha	Año	NumeroTrimestre	NumeroMes	Dia	NumeroFecha	Mes	Trimestre	Mes y Año	Trim y Año	DiaSemana	Nombre del Dia	Final de Semana	NumeroSemana	Numero Mes-Año
1	2017-01-01 00:00:00.000	2017	1	1	1	20170101	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	6	domingo	1/1/2017	1	20170100
2	2017-01-02 00:00:00.000	2017	1	2	1	20170201	febrero	Q1	2017-02-01 00:00:00.000	Q1 2017	2	miércoles	2/5/2017	6	20170200
3	2017-01-03 00:00:00.000	2017	1	3	1	20170301	marzo	Q1	2017-03-01 00:00:00.000	Q1 2017	2	miércoles	3/5/2017	10	20170300
4	2017-01-04 00:00:00.000	2017	2	4	1	20170401	abril	Q2	2017-04-01 00:00:00.000	Q2 2017	5	sábado	4/2/2017	14	20170400
5	2017-01-05 00:00:00.000	2017	2	5	1	20170501	mayo	Q2	2017-05-01 00:00:00.000	Q2 2017	0	lunes	5/7/2017	19	20170500
6	2017-01-06 00:00:00.000	2017	2	6	1	20170601	junio	Q2	2017-06-01 00:00:00.000	Q2 2017	3	jueves	6/4/2017	23	20170600
7	2017-01-07 00:00:00.000	2017	3	7	1	20170701	julio	Q3	2017-07-01 00:00:00.000	Q3 2017	5	sábado	7/2/2017	27	20170700
8	2017-01-08 00:00:00.000	2017	3	8	1	20170801	agosto	Q3	2017-08-01 00:00:00.000	Q3 2017	1	martes	8/6/2017	32	20170800
9	2017-01-09 00:00:00.000	2017	3	9	1	20170901	septiembre	Q3	2017-09-01 00:00:00.000	Q3 2017	4	viernes	9/3/2017	36	20170900
10	2017-01-10 00:00:00.000	2017	4	10	1	20171001	octubre	Q4	2017-10-01 00:00:00.000	Q4 2017	6	domingo	10/1/2017	40	20171000
11	2017-01-11 00:00:00.000	2017	4	11	1	20171101	noviembre	Q4	2017-11-01 00:00:00.000	Q4 2017	2	miércoles	11/5/2017	45	20171100
12	2017-01-12 00:00:00.000	2017	4	12	1	20171201	diciembre	Q4	2017-12-01 00:00:00.000	Q4 2017	4	viernes	12/3/2017	49	20171200
13	2017-01-13 00:00:00.000	2017	1	1	13	20170113	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	4	viernes	1/15/2017	3	20170100
14	2017-01-14 00:00:00.000	2017	1	1	14	20170114	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	5	sábado	1/15/2017	3	20170100
15	2017-01-15 00:00:00.000	2017	1	1	15	20170115	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	6	domingo	1/15/2017	3	20170100
16	2017-01-16 00:00:00.000	2017	1	1	16	20170116	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	0	lunes	1/22/2017	4	20170100
17	2017-01-17 00:00:00.000	2017	1	1	17	20170117	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	1	martes	1/22/2017	4	20170100
18	2017-01-18 00:00:00.000	2017	1	1	18	20170118	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	2	miércoles	1/22/2017	4	20170100
19	2017-01-19 00:00:00.000	2017	1	1	19	20170119	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	3	jueves	1/22/2017	4	20170100
20	2017-01-20 00:00:00.000	2017	1	1	20	20170120	enero	Q1	2017-01-01 00:00:00.000	Q1 2017	4	viernes	1/22/2017	4	20170100

```
SELECT DISTINCT Año FROM [Date] ORDER BY Año DESC;
```

100 %

Results

Messages

	Año
1	2021
2	2020
3	2019
4	2018
5	2017

```
SELECT * FROM [Date]
WHERE YEAR(Fecha) = 2018 AND [Nombre del Dia] IN ('sábado', 'domingo');
```

100 %

Results

Messages

	Fecha	Año	NumeroTrimestre	NumeroMes	Dia	NumeroFecha	Mes	Trimestre	Mes y Año	Trim y Año	DiaSemana	Nombre del Dia	Final de Semana	NumeroSemana	Numero Mes-Año
1	2018-01-04 00:00:00.000	2018	2	4	1	20180401	abril	Q2	2018-04-01 00:00:00.000	Q2 2018	6	domingo	4/1/2018	13	20180400
2	2018-01-07 00:00:00.000	2018	3	7	1	20180701	julio	Q3	2018-07-01 00:00:00.000	Q3 2018	6	domingo	7/1/2018	26	20180700
3	2018-01-09 00:00:00.000	2018	3	9	1	20180901	septiembre	Q3	2018-09-01 00:00:00.000	Q3 2018	5	sábado	9/2/2018	35	20180900
4	2018-01-12 00:00:00.000	2018	4	12	1	20181201	diciembre	Q4	2018-12-01 00:00:00.000	Q4 2018	5	sábado	12/2/2018	48	20181200
5	2018-01-13 00:00:00.000	2018	1	1	13	20180113	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	5	sábado	1/14/2018	2	20180100
6	2018-01-14 00:00:00.000	2018	1	1	14	20180114	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	6	domingo	1/14/2018	2	20180100
7	2018-01-20 00:00:00.000	2018	1	1	20	20180120	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	5	sábado	1/21/2018	3	20180100
8	2018-01-21 00:00:00.000	2018	1	1	21	20180121	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	6	domingo	1/21/2018	3	20180100
9	2018-01-27 00:00:00.000	2018	1	1	27	20180127	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	5	sábado	1/28/2018	4	20180100
10	2018-01-28 00:00:00.000	2018	1	1	28	20180128	enero	Q1	2018-01-01 00:00:00.000	Q1 2018	6	domingo	1/28/2018	4	20180100
11	2018-02-06 00:00:00.000	2018	2	6	2	20180602	junio	Q2	2018-06-01 00:00:00.000	Q2 2018	5	sábado	6/3/2018	22	20180600
12	2018-02-09 00:00:00.000	2018	3	9	2	20180902	septiembre	Q3	2018-09-01 00:00:00.000	Q3 2018	6	domingo	9/2/2018	35	20180900
13	2018-02-12 00:00:00.000	2018	4	12	2	20181202	diciembre	Q4	2018-12-01 00:00:00.000	Q4 2018	6	domingo	12/2/2018	48	20181200
14	2018-02-17 00:00:00.000	2018	1	2	17	20180217	febrero	Q1	2018-02-01 00:00:00.000	Q1 2018	5	sábado	2/18/2018	7	20180200
15	2018-02-18 00:00:00.000	2018	1	2	18	20180218	febrero	Q1	2018-02-01 00:00:00.000	Q1 2018	6	domingo	2/18/2018	7	20180200
16	2018-02-24 00:00:00.000	2018	1	2	24	20180224	febrero	Q1	2018-02-01 00:00:00.000	Q1 2018	5	sábado	2/25/2018	8	20180200
17	2018-02-25 00:00:00.000	2018	1	2	25	20180225	febrero	Q1	2018-02-01 00:00:00.000	Q1 2018	6	domingo	2/25/2018	8	20180200
18	2018-03-02 00:00:00.000	2018	1	2	3	20180203	febrero	Q1	2018-02-01 00:00:00.000	Q1 2018	5	sábado	2/4/2018	5	20180200

```
SELECT Mes
FROM [Date]
GROUP BY Mes
ORDER BY CASE Mes
    WHEN 'enero' THEN 1
    WHEN 'febrero' THEN 2
    WHEN 'marzo' THEN 3
    WHEN 'abril' THEN 4
    WHEN 'mayo' THEN 5
    WHEN 'junio' THEN 6
    WHEN 'julio' THEN 7
    WHEN 'agosto' THEN 8
    WHEN 'septiembre' THEN 9
    WHEN 'octubre' THEN 10
    WHEN 'noviembre' THEN 11
    WHEN 'diciembre' THEN 12
END;
```

100 %

Results Messages

	Mes
1	enero
2	febrero
3	marzo
4	abril
5	mayo
6	junio
7	julio
8	agosto
9	septiembre
10	octubre
11	noviembre
12	diciembre

```

SELECT *
FROM Registro_Nacional
WHERE Nombre LIKE 'M%' AND Primer_apellido = 'Montero';

```

100 %

Results Messages

	Cedula	Cod_electoral	Genero	Fecha_caducidad	Junta_receptora	Nombre	Primer_apellido	Sugundo_apellido
1	101280667	108001	2	2023-01-18	0	MERCEDES	MONTERO	SALAZAR
2	101620935	101017	2	2022-04-30	0	MERCEDES	MONTERO	CHACON
3	101650879	108001	2	2022-04-09	0	MARIA	MONTERO	ZELEDON
4	101690148	102001	2	2025-07-15	0	MARIA LILIAN	MONTERO	BARQUERO
5	101790299	101003	2	2022-06-30	0	MARIA EUGENIA	MONTERO	PANIAGUA
6	101790577	108001	2	2030-02-04	0	MARIA DE LOS ANGELES	MONTERO	ORTIZ
7	101840421	114001	2	2023-11-07	0	MIRIAM	MONTERO	GONZALEZ
8	101910305	101034	2	2023-05-23	0	MARIA EMILIA	MONTERO	ARTAVIA
9	101970128	101012	1	2022-05-31	0	MANUEL EMILIO	MONTERO	MORA
10	101990152	102003	2	2030-02-04	0	MARIA DE LOS ANGELES	MONTERO	MARICHAL
11	102010643	101007	2	2025-08-17	0	MARGARITA	MONTERO	OVIEDO
12	102020398	108001	2	2028-05-18	0	MARIA ISABEL	MONTERO	RODRIGUEZ
13	102020587	205001	2	2028-02-15	0	MARIA MERIDA	MONTERO	MORALES
14	102020831	107013	2	2030-03-12	0	MARIA TERESA	MONTERO	UMA
15	102040151	115001	2	2030-02-04	0	MARGARITA	MONTERO	HERRA
16	102060016	302020	2	2025-03-19	0	MARIA CECILIA	MONTERO	GOMEZ
17	102060243	111001	2	2030-02-04	0	MARIA TERESA	MONTERO	QUIROS
18	102110335	114001	2	2024-03-31	0	MARIA EUFEMIA	MONTERO	GONZALEZ
19	102120784	108005	1	2025-02-17	0	MIGUEL EZEQUIEL	MONTERO	AMADOR


Query executed successfully.

(localhost) SOLEXPRES

PRACTICE #2

In this second practice you will use logic in the language of databases, and thus be able to extract our information ready to be analyzed. Perform the following queries: Para ello es importante empezar a explorar nuestros datos y verifique las tablas que te permita extraer la información.



1. Make a query where you extract the 16 different colors that exist. Extrae la Venta por Color y agrupa su resultado obteniendo únicamente los primeros 10 ID del color, asimismo confecciona una columna condicional nueva con los diferentes colores (en español). Para ello puedes tomar de referencia los nombres en inglés del resultado de la consulta anterior y ordena sus datos por ID de Color.
2. Extract the Sale by Name of the Day (Saturday, Sunday, Monday, ect) for the Asia and Europe Region, for the year 2018 and create a conditional column: if it is Saturday or Sunday indicating Weekend, otherwise Work Week. Realiza una consulta que extraiga la venta por Mes y Año. Sin embargo, el mes debe de traer únicamente las primeras 3 iniciales del mes en formato mayúscula para ello utilice las funciones de texto.
3. Make a query that contains in the Select statement:
 - Month name
 - Channel name
 - Store type
 - Continent name
 - Monetary sale in units
 - Sort it from Highest to Lowest according to units
 - This information will only be for the year 2018 and 2019 and from Monday to Friday

 SELECT ColorName

FROM Product

GROUP BY ColorName;

100 %

 Results Messages

	ColorName
1	Pink
2	Silver Grey
3	Yellow
4	Grey
5	Gold
6	Brown
7	White
8	Blue
9	Orange
10	Red
11	Azure
12	Black
13	Green
14	Silver
15	Purple
16	Transparent


```
SELECT TOP 10 p.ColorID, SUM(s.SalesQuantity) AS TotalVentas,
CASE p.ColorName
    WHEN 'Pink' THEN 'Rosa'
    WHEN 'Silver' THEN 'Plateado'
    WHEN 'Grey' THEN 'Gris'
    WHEN 'Gold' THEN 'Dorado'
    WHEN 'Brown' THEN 'Marrón'
    WHEN 'White' THEN 'Blanco'
    WHEN 'Blue' THEN 'Azul'
    WHEN 'Yellow' THEN 'Amarillo'
    WHEN 'Orange' THEN 'Naranja'
    WHEN 'Red' THEN 'Rojo'
    WHEN 'Azure' THEN 'Celeste'
    WHEN 'Black' THEN 'Negro'
    WHEN 'Green' THEN 'Verde'
    WHEN 'Purple' THEN 'Morado'
    WHEN 'Transparent' THEN 'Transparente'
    ELSE p.ColorName
END AS NombreColor
FROM Sales s
JOIN Product p ON s.ProductKey = p.Product_Key
GROUP BY p.ColorID, p.ColorName
ORDER BY p.ColorID;
```

100 %



Results



Messages

	ColorID	TotalVentas	NombreColor
1	1	251937	Celeste
2	2	10448965	Negro
3	3	1073887	Azul
4	4	1086430	Marrón
5	5	30905	Morado
6	6	1493124	Rojo
7	7	6534597	Plateado
8	8	8523581	Blanco
9	9	777530	Naranja
10	10	1327250	Rosa

```

SELECT
    DATENAME(WEEKDAY, D.Fecha) as DiaSemana,
    CASE
        WHEN DATENAME(WEEKDAY, D.Fecha) = 'Saturday' OR DATENAME(WEEKDAY, D.Fecha) = 'Sunday'
        THEN 'Fin de Semana'
        ELSE 'Semana Laboral'
    END as TipoSemana,
    SUM(S.SalesQuantity) as Ventas
FROM
    Sales as S
    JOIN Stores as ST ON S.StoreKey = ST.Store_Key
    JOIN Geography as G ON ST.Geography_Key = G.GeographyKey
    JOIN Date as D ON S.DateKey = D.Fecha
WHERE
    YEAR(D.Fecha) = 2018
    AND G.ContinentName IN ('Asia', 'Europe')
GROUP BY
    DATENAME(WEEKDAY, D.Fecha),
    CASE
        WHEN DATENAME(WEEKDAY, D.Fecha) = 'Saturday' OR DATENAME(WEEKDAY, D.Fecha) = 'Sunday'
        THEN 'Fin de Semana'
        ELSE 'Semana Laboral'
    END
ORDER BY
    DiaSemana

```

00 %

Results Messages

	DiaSemana	TipoSemana	Ventas
1	Friday	Semana Laboral	615451
2	Monday	Semana Laboral	633249
3	Saturday	Fin de Semana	619058
4	Sunday	Fin de Semana	623449
5	Thursday	Semana Laboral	611463
6	Tuesday	Semana Laboral	623759
7	Wednesday	Semana Laboral	619100

```

SELECT DATENAME(MONTH, d.Fecha) AS 'Nombre del Mes',
       c.Channel_Key AS 'Nombre del Canal',
       st.StoreType AS 'Tipo de Tienda',
       g.ContinentName AS 'Nombre del Continente',
       SUM(SalesQuantity) AS 'Unidades Vendidas',
       SUM(SalesAmount) AS 'Venta Monetaria'
FROM Sales s
JOIN Date d ON s.DateKey = d.Fecha
JOIN Stores st ON s.StoreKey = st.Store_Key
JOIN Geography g ON st.Geography_Key = g.GeographyKey
JOIN Product p ON s.ProductKey = p.Product_Key
JOIN Channel c ON s.channelKey = c.Channel_Key
WHERE d.Fecha BETWEEN '2018-01-01' AND '2019-12-31'
      AND DATENAME(WEEKDAY, d.Fecha) NOT IN ('Saturday', 'Sunday')
GROUP BY DATENAME(MONTH, d.Fecha), c.Channel_Key, st.StoreType, g.ContinentName
ORDER BY SUM(SalesQuantity) DESC;

```

100 %

Results Messages

	Nombre del Mes	Nombre del Canal	Tipo de Tienda	Nombre del Continente	Unidades Vendidas	Venta Monetaria
1	October	1	Store	North America	662080	170942193
2	May	1	Store	North America	644435	163101075
3	December	1	Store	North America	639132	160729863
4	November	1	Store	North America	633921	158687027
5	April	1	Store	North America	620357	154652655
6	July	1	Store	North America	603056	147696851
7	August	1	Store	North America	592571	149038448
8	June	1	Store	North America	586925	148207539
9	September	1	Store	North America	549774	138467756
10	January	1	Store	North America	442092	103138123
11	March	1	Store	North America	405820	100499702
12	February	1	Store	North America	403379	100214469
13	November	3	Catalog	North America	199497	49529533
14	December	1	Store	Asia	160639	40597671
15	April	1	Store	Europe	159907	41655125
16	February	1	Store	Europe	155740	38642450
17	May	1	Store	Europe	152334	38100684
18	November	1	Store	Asia	151743	40129204
19	July	1	Store	Europe	146240	37918613

FINAL PROJECT INSTRUCTIONS

SQL final project

For this project you will need to have uploaded the data tables that were requested in practice #1. In this project you will need to develop two Querys that extract important information to perform your analysis.

This query must contain in its structure:

- Text Functions (at least 2)
- At least one Join Date Functions (at least 2)
- Basic Math Operations (at least 1)
- Command Where, Group By, Order By

Click to explore data→

Cuntry Broc	Country Broc	Pets	2825.95		261	10/16/2021	10/10/2021												
Country Broc	Country Broc	Pets	1669.45		191	10/16/2021	10/10/2021												
Puppia Dog	♀ Puppia	Pets	2747.80		120	10/16/2021	10/10/2021												
Deago LED D	Deago	Pets	665.26		74	10/16/2021	10/10/2021												
UBesGoo Lar	UBesGoo	Pets	1039.48		52	10/16/2021	10/10/2021												
Girl12Queen	Girl12Queen	Pets	350.25		49	10/16/2021	10/10/2021												
Doco DC500	DOC O	Pets	634.95		34	10/16/2021	10/10/2021												
Mirage 52-2	52-28 XXLBBI	Pets	483.60		30	10/16/2021	10/10/2021												
Auburn Leat	Auburn Leat	Pets	1182.42		27	10/16/2021	10/10/2021												
Aberdoggie	Mirage Pet P	Sports & Out	390.95		25	10/16/2021	10/10/2021												
FurHaven Pe	FurHaven Pe	Pets	1318.77		23	10/16/2021	10/10/2021												
walt disney i	buckle-down	Pets	633.95		21	10/16/2021	10/10/2021												
Country Broc	Country Broc	Pets	359.00		20	10/15/2021	10/10/2021												
Country Broc	Country Broc	Pets	279.00		20	10/16/2021	10/10/2021												
Country Broc	Country Broc	Pets	287.20		16	10/16/2021	10/10/2021												
Boo French E	365 Printing	Clothing	242.84		16	10/16/2021	10/10/2021												
Heepo Fashi	Heepo	Pets	109.20		15	10/16/2021	10/11/2021												
7" Straight B	Pawstruck.co	Pets	2549.47		14	10/16/2021	10/10/2021												
batman dc c	buckle-down	Pets	346.40		12	10/16/2021	10/10/2021												
Country Broc	Country Broc	Pets	210.40		12	10/16/2021	10/11/2021												
Country Broc	Country Broc	Pets	197.45		11	10/16/2021	10/11/2021												
Vibrant Life	Vibrant Life	Pets	49.57		11	10/16/2021	10/10/2021												
Parisian Pet	Parisian Pet	Pets	115.90		10	10/15/2021	10/10/2021												
University of	Zokee-Unive	Pets	105.12		8	10/16/2021	10/10/2021												
Heepo Tiger	Heepo	Pets	71.04		8	10/16/2021	10/10/2021												
ValueBull Bu	ValueBull	Pets	160.93		7	10/16/2021	10/11/2021												
Unique Bargi	Unique Bargi	Pets	95.94		6	10/15/2021	10/10/2021												
Shockproof I	MIP	Cell Phones	119.70		6	10/14/2021	10/11/2021												
iMount TEK D	iMount TEK	Pets	171.30		6	10/14/2021	10/10/2021												
Apple iPhone	MIP	Cell Phones	119.70		6	10/16/2021	10/10/2021												
30 Pcs M6 x 3	Unique Bargi	Industrial &	149.94		6	10/16/2021	10/12/2021												
American Pit	Graphics and Health		54.95		5	10/16/2021	10/12/2021												
Coastal Pet F	Coastal Pet F	Pets	114.45		5	10/16/2021	10/10/2021												
Peppermint	N/A	Pets	87.25		5	10/16/2021	10/11/2021												
Plastic Pet Pi	Unique Bargi	Pets	84.95		5	10/16/2021	10/10/2021												
Mirage 62-26	62-26 XLCR	Pets	89.55		5	10/13/2021	10/10/2021												
Nylabone He	Nylabone	Pets	128.00		5	10/16/2021	10/11/2021												
My Gym Shir	365 PRINTIN	Pets	137.24		4	10/15/2021	10/11/2021												
Pug Dog Pet	Graphics and	Pets	31.96		4	10/16/2021	10/11/2021												
Pet Toys, Kap	Kapmore	Pets	49.92		4	10/15/2021	10/11/2021												
Tuff Collar N	Tuff Collar	Pets	122.44		4	10/16/2021	10/11/2021												
Red Rose Wi	N/A	Pets	89.60		4	10/16/2021	10/14/2021												
Schnauzer C	MegaCalend	Office	79.96		4	10/16/2021	10/11/2021												
Yorkie Dog w	Accessory Av	Cell Phones	87.96		4	10/15/2021	10/11/2021												
Aberdoggie	N/A	Pets	73.76		4	10/14/2021	10/12/2021												
Elements W	Zack & Zoey	Pets	135.56		4	10/16/2021	10/10/2021												
Family Favor	Mirage	Pets	64.16		4	10/15/2021	10/12/2021												
IN Diet Dog	5 In Diet	Pets	157.56		4	10/16/2021	10/11/2021												
Middle Elf	Sc n/a	Pets	71.64		4	10/16/2021	10/10/2021												
LAMINATED	Home Comfc	Home	50.97		3	10/16/2021	10/11/2021												
Lazer Brite P	Coastal Pet	Pets	80.13		3	10/16/2021	10/11/2021												
Lookin' Good	Fashion Pet	Party & Occa	190.29		3	10/16/2021	10/11/2021												
2 in 1 Bicycle	Techtongda	Pets	627.00		3	10/10/2021	10/10/2021												
Black Bone V	Mirage Pet P	Pets	61.38		3	10/16/2021	10/12/2021												
Country Broc	Country Broc	Pets	38.85		3	10/16/2021	10/10/2021												
ViCtsing Che	ViCtsing	Pets	56.97		3	10/16/2021	10/12/2021												
Santa's Cute	n/a	Pets	49.98		3	10/12/2021	10/10/2021												
Peel-n-Stick	Home Comfc	Home Impro	47.97		3	10/16/2021	10/14/2021												
Plain Nylon I	Mirage Pet P	Pets	35.94		3	10/16/2021	10/13/2021												
Mirage 625-F	625-RD BK10	Pets	47.22		3	10/11/2021	10/10/2021												
MINI Fun Do	FunDog Banc	Pets	29.97		3	10/12/2021	10/11/2021												
Webkinz Pra	Ganz	Pets	56.48		2	10/13/2021	10/12/2021												

```

SELECT
    p.Product_Name,
    p.Brand,
    dd.department,
    SUM(CAST(p.List_Price AS DECIMAL(10, 2))) AS Total_List_Price,
    COUNT(*) AS Total_Sales,
    MAX(i.date) AS Last_Sale_Date,
    MIN(i.date) AS First_Sale_Date
FROM
    Products AS p
    JOIN DETAILS AS d ON p.product_Id = d.product_id
    JOIN Invoice AS i ON d.invoice_ID = i.invoice_ID
    JOIN Stores AS s ON i.store_id = s.store_id
    JOIN Department_Detail AS dd ON p.department_Id = dd.department_Id
WHERE
    s.regions = 'South'
    AND p.Available = 1
    AND MONTH(i.date) = 10
    AND YEAR(i.date) = 2021
    AND UPPER(p.Product_Name) LIKE '%Dog%'
GROUP BY
    p.Product_Name,
    p.Brand,
    dd.department
ORDER BY
    Total_Sales DESC;

```

100 %

Results

Messages

	Product_Name	Brand	department	Total_List_Price	Total_Sales	Last_Sale_Date	First_Sale_Date
1	Country Brook Design 3/4 Inch Nylon Dog Leash (Variou...	Country Brook Design	Pets	2825.95	261	10/16/2021	10/10/2021
2	Country Brook Design Economy Nylon Dog Collars(Variou...	Country Brook Design	Pets	1669.45	191	10/16/2021	10/10/2021
3	Puppia Dog Soft Mesh Harness and a Leash COMBO Col...	Puppia	Pets	2747.80	120	10/16/2021	10/10/2021
4	Deago LED Dog Collar Safety USB Rechargeable Flashin...	Deago	Pets	665.26	74	10/16/2021	10/10/2021
5	UBesGoo Large Dog Pet Crate Kennel Warm Bed Beds ...	UBesGoo	Pets	1039.48	52	10/16/2021	10/10/2021
6	Girl12Queen Summer Cute Small Dog Big Heart Print Dog...	Girl12Queen	Pets	350.25	49	10/16/2021	10/10/2021
7	Doco DCS005-10XL Double D-Ring Dog Neck Collar...	DOCO	Pets	634.95	34	10/16/2021	10/10/2021
8	Mirage 52-28 XXLBBL Evil Rhinestone Dog Shirt Baby Bl...	52-28 XXLBBL	Pets	483.60	30	10/16/2021	10/10/2021
9	Aubum Leathercrafters Tuscany Leather Dog Collar	Aubum Leathercrafters	Pets	1182.42	27	10/16/2021	10/10/2021
10	Aberdoggie NY Screenprint Shirts Yellow Lg (14)	Mirage Pet Products	Sports & Outdoors	390.95	25	10/16/2021	10/10/2021
11	FurHaven Pet Dog Bed Cooling Gel Memory Foam Ortho...	FurHaven Pet	Pets	1318.77	23	10/16/2021	10/10/2021
12	walt disney movies tv shows santa jack vs boogey man s...	buckle-down	Pets	633.95	21	10/16/2021	10/10/2021
13	Country Brook Design® Purple Hawaiian Step-In Dog ...	Country Brook Design	Pets	359.00	20	10/15/2021	10/10/2021
14	Country Brook Petz Candy Cane Christmas Martingale D...	Country Brook Design	Pets	279.00	20	10/16/2021	10/10/2021
15	Country Brook Design Premium Sophie's First Love Dog C...	Country Brook Design	Pets	287.20	16	10/16/2021	10/10/2021
16	Boo French Bulldog Womens Peach Round Neck Funny ...	365 Printing	Clothing	242.84	16	10/16/2021	10/10/2021
17	Heepo Fashion Lovely Dog Style Pet ID Tag Collar Neckl...	Heepo	Pets	109.20	15	10/16/2021	10/11/2021
18	7" Straight Bully Sticks for Dogs [Large Thickness] (250 P...	Pawstruck.com	Pets	2549.47	14	10/16/2021	10/10/2021
19	batman dc comics superhero large shield collage seatbelt ...	buckle-down	Pets	346.40	12	10/16/2021	10/10/2021

SECOND QUERY:

This query must contain in its structure:

- Aggregation Functions (at least 2)
- At least one Join Logical Functions (at least 1)
- Commando Where (Logical Operations), Group By, Order By, Having
- Select Nested (at least 1)

Click to explore data→

Orlando Sup	125.615873	157133	Other
Tucson Supe	144.162420	157071	Other
Richmond Su	63.191693	154373	Other
Tucson Neigl	112.185897	151952	Other
Indianapolis	81.344202	149753	MW
Las Vegas Ne	101.339743	149128	Other
Oklahoma Ci	105.919871	148261	Other
Cleveland Su	80.206779	143970	Other
Austin Super	69.333333	143123	Other
Columbus Su	63.614545	138574	MW
Cincinnati Su	60.923636	134820	MW
Mesa Superc	65.748175	132319	Other
Gainesville S	101.242187	130014	Other
Corpus Chris	93.738281	129327	Other
Shreveport S	103.870588	128308	Other
Covington Su	97.125490	126134	Other
Athens Supe	140.933593	124958	Other
Baton Rouge	86.016877	119852	Other
Charlotte Su	70.305084	119161	Other
Knoxville Su	56.860759	118963	Other
Fayetteville	109.119658	118877	Other
Bentonville	79.042735	118299	Other
Wichita Supe	97.358649	117591	MW
Tulsa Neighb	229.452991	116859	Other
Columbus Su	68.336405	114811	Other
Lincoln Supe	107.548837	113774	MW
Winchester S	68.714285	111882	Other
Omaha Supe	55.017021	111732	MW
Savannah Su	63.879629	109504	Other
Springfield M	67.568376	108811	MW
Indianapolis	69.495726	108273	MW
Kansas City S	65.583333	106218	MW
Florence Sup	67.064516	105347	Other
Clarksville Su	86.000000	105325	Other
Jackson Supe	118.629441	105154	Other
Lubbock Sup	66.055837	103639	Other
Murfreesbor	132.704081	103416	Other
Marietta Sup	83.696969	103389	Other
Atlanta Supe	74.623255	103152	Other
Mobile Neig	83.517948	103085	Other
Madison Sup	84.393518	102868	Other
Franklin Sup	182.385786	102834	Other
Colorado Spr	83.152284	102721	Other
Brownsville	191.157360	100968	Other
Montgomery	58.593908	100609	Other
Birmingham	65.136363	99711	Other
Fort Wayne S	83.380710	99675	MW
Conway Supe	83.766497	99520	Other
Decatur Supe	93.632653	98812	Other
Camden Sup	104.670050	98799	Other
Fredericksbu	72.730964	98738	Other
Virginia Beac	78.663265	98698	Other
Kissimmee S	258.632653	98514	Other
Fort Worth N	93.846153	97619	Other
Omaha Neig	104.610256	97371	MW
Albuquerque	117.989743	97188	Other
Little Rock Su	66.678571	96756	Other
Georgetown	63.223350	96530	Other
Tallahassee	84.853535	96331	Other
Glendale Ne	66.153846	96201	Other
Mesa Neighb	82.312820	96182	Other
Tampa Neigh	65.758974	95640	Other

```
SELECT
    s.name AS Store_Name,
    AVG(CAST(p.List_Price AS decimal)) AS Avg_List_Price,
    SUM(CAST(d.quantity AS decimal)) AS Total_Sales_Quantity,
    CASE
        WHEN s.regions = 'North' THEN 'N'
        WHEN s.regions = 'Midwest' THEN 'MW'
        ELSE 'Other'
    END AS Region_Code
FROM
    Stores AS s
    JOIN Invoice AS i ON s.store_id = i.store_id
    JOIN DETAILS AS d ON i.invoice_ID = d.invoice_ID
    JOIN Products AS p ON d.product_id = p.product_Id
WHERE
    YEAR(i.date) = 2021
    AND MONTH(i.date) IN (10, 2, 3)
GROUP BY
    s.name,
    s.regions
HAVING
    AVG(CAST(p.List_Price AS decimal)) > 50
ORDER BY
    Total_Sales_Quantity DESC
```

100 %

Results Messages

	Store_Name	Avg_List_Price	Total_Sales_Quantity	Region_Code
40	Charlotte Supercenter	70.305084	119161	Other
41	Knoxville Supercenter	56.860759	118963	Other
42	Fayetteville Neighborhood M...	109.119658	118877	Other
43	Bentonville Neighborhood M...	79.042735	118299	Other
44	Wichita Supercenter	97.358649	117591	MW
45	Tulsa Neighborhood Market	229.452991	116859	Other
46	Columbus Supercenter	68.336405	114811	Other
47	Lincoln Supercenter	107.548837	113774	MW
48	Winchester Supercenter	68.714285	111882	Other
49	Omaha Supercenter	55.017021	111732	MW
50	Savannah Supercenter	63.879629	109504	Other
51	Springfield Neighborhood M...	67.568376	108811	MW
52	Indianapolis Neighborhood ...	69.495726	108273	MW
53	Kansas City Supercenter	65.583333	106218	MW
54	Florence Supercenter	67.064516	105347	Other
55	Clarksville Supercenter	86.000000	105325	Other
56	Jackson Supercenter	118.629441	105154	Other
57	Lubbock Supercenter	66.055837	103639	Other
58	Murfreesboro Supercenter	132.704081	103416	Other

CONCLUSIONS

1. San Antonio Super Center is the store with the highest sales volume.
2. Shreveport Supercenter is the store with less sales
3. In the month of October the dog item that sold the most in the southern region was Country Brook Design 3/4 Inch Nylon Dog Leash (Various Colors & Lengths)
4. In the month of October the articles for dog with less rotation in the southern region were:

Rat Terrier Makes Me Happy *I590* 6 inch Sticker dog decal

mirage 614-02 bk-18 two row ab crystal black ice cream dog collar - size 18

Mirage 625-SV LV12 Crystal and Silver Spikes Dog Collar Lavender - Size 12

POLKA DOT-PURPLE-MULTI2-L 4 ft. Dot Dog Leash; Purple & Multi - Small

PetAlive Energy Tonic - All Natural Herbal Supplement Promotes Energy and Vitality in Cats and Dogs Including Older Pets - 60 Veggie Caps