DATAWAREHOUSE Y MINERÍA DE DATOS
DESAFÍO 1

2022

UNIVERSIDAD DON BOSCO

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EJERCICIO 1
CONSTANCIA QUERY

```sql
/****** Script for SelectTopNRows command from SSMS  ******/
SELECT *   FROM [ejercicio1].[dbo].[Spa_diego];

SELECT Sucursal, Sexo "Genero",count(sexo) as "Cantidad por Genero", cast(avg(ingresos) as decimal(10,2)) as "Ingreso promedio",
cast(avg(ingresos) as decimal(10,2)) as "Promedio de visitas por genero",
cast(sum(CAST(Sauna as float))/ count(cast(sexo as float)) as decimal(10,4)) as "Promedio Sauna por Genero"  ,
cast(sum(CAST(Masaje as float))/ count(cast(sexo as float)) as decimal(10,4)) as "Promedio Masaje por Genero"  ,
cast(sum(CAST(Hidro as float))/ count(cast(sexo as float)) as decimal(10,4)) as "Promedio Hidro por Genero"   ,
cast(sum(CAST(Yoga as float))/ count(cast(sexo as float)) as decimal(10,4)) as "Promedio Yoga por Genero"
FROM [ejercicio1].[dbo].[Spa_diego] group by Sucursal, Sexo order by Sucursal, Sexo asc ;
```

100 %

Results | Messages

	Sucursal	Genero	Cantidad por Genero	Ingreso promedio	Promedio de visitas por genero	Promedio Sauna por Genero	Promedio Masaje por Genero	Promedio Hidro por Genero	Promedio Yoga por Genero
1	Cen	0	14	1914.47	1914.47	0.7857	0.9286	0.2857	0.3571
2	Cen	1	36	1684.90	1684.90	0.7778	0.8056	0.3611	0.2500
3	Esc	0	187	1692.84	1692.84	0.4813	0.5348	0.4920	0.4813
4	Esc	1	213	1709.53	1709.53	0.4883	0.4695	0.5023	0.5117
5	Tec	0	195	1599.47	1599.47	0.2205	0.4974	0.2308	0.5949
6	Tec	1	55	1741.74	1741.74	0.1455	0.4909	0.1818	0.5818

CONTROL FLOW
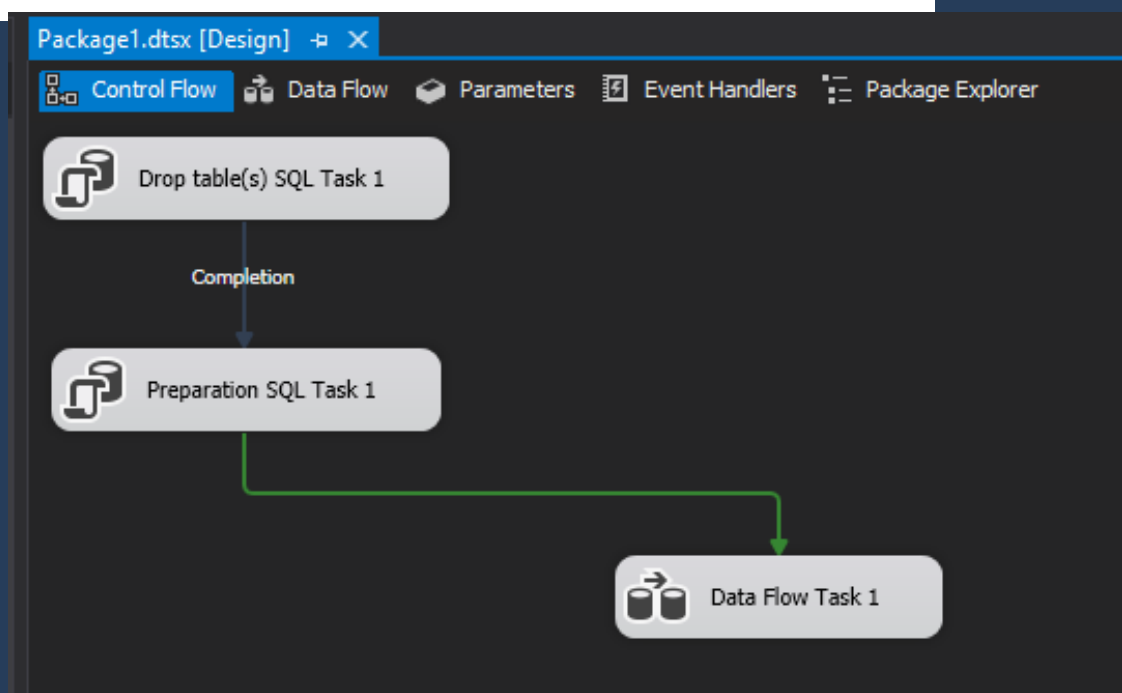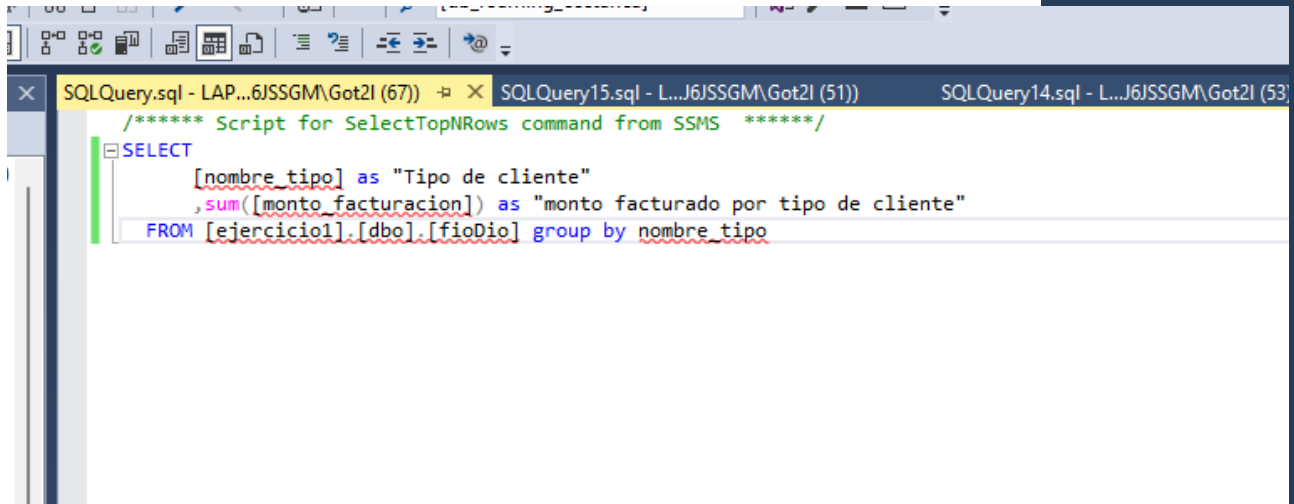
EJERCICIO 1
DATA FLOW
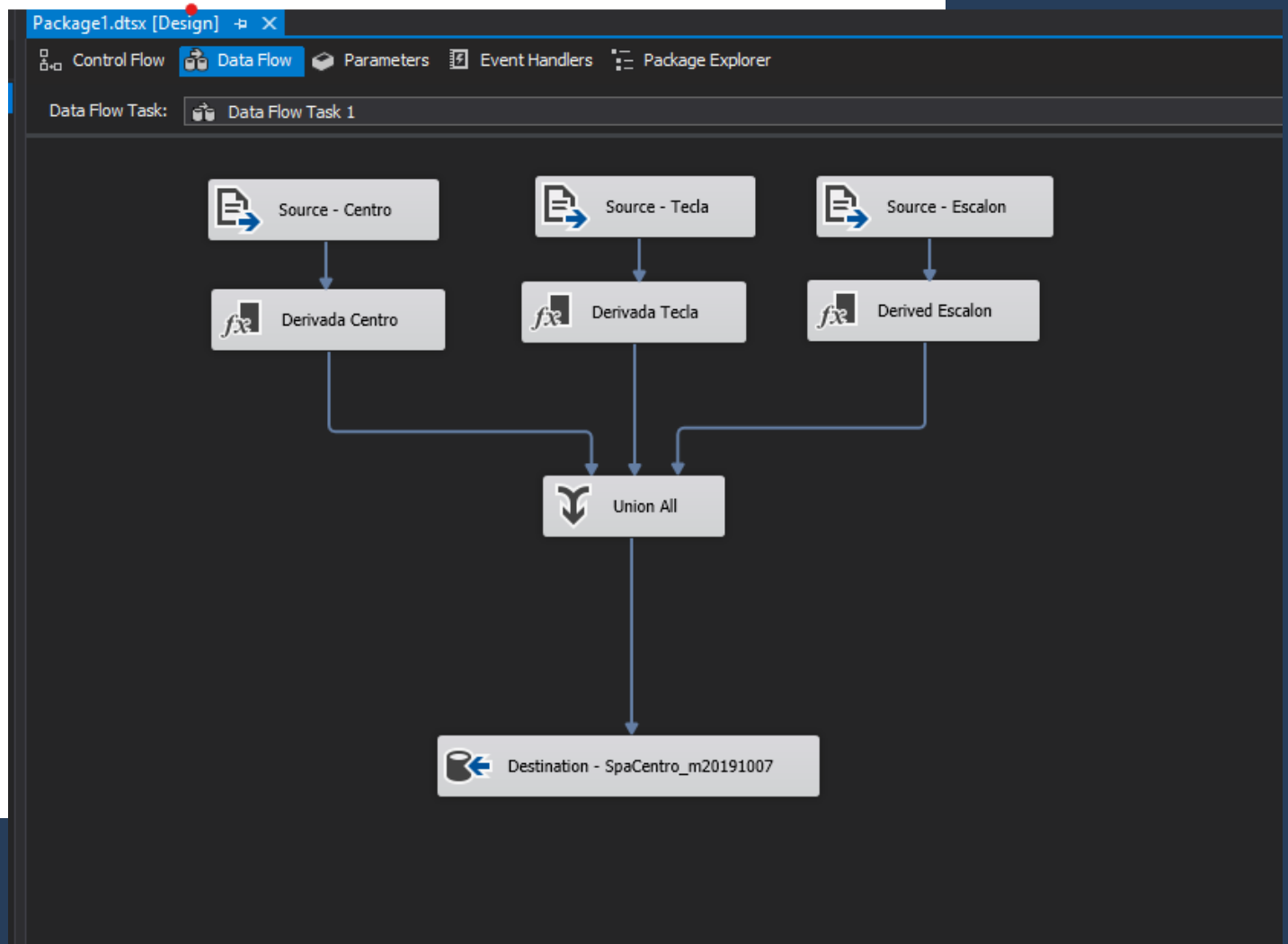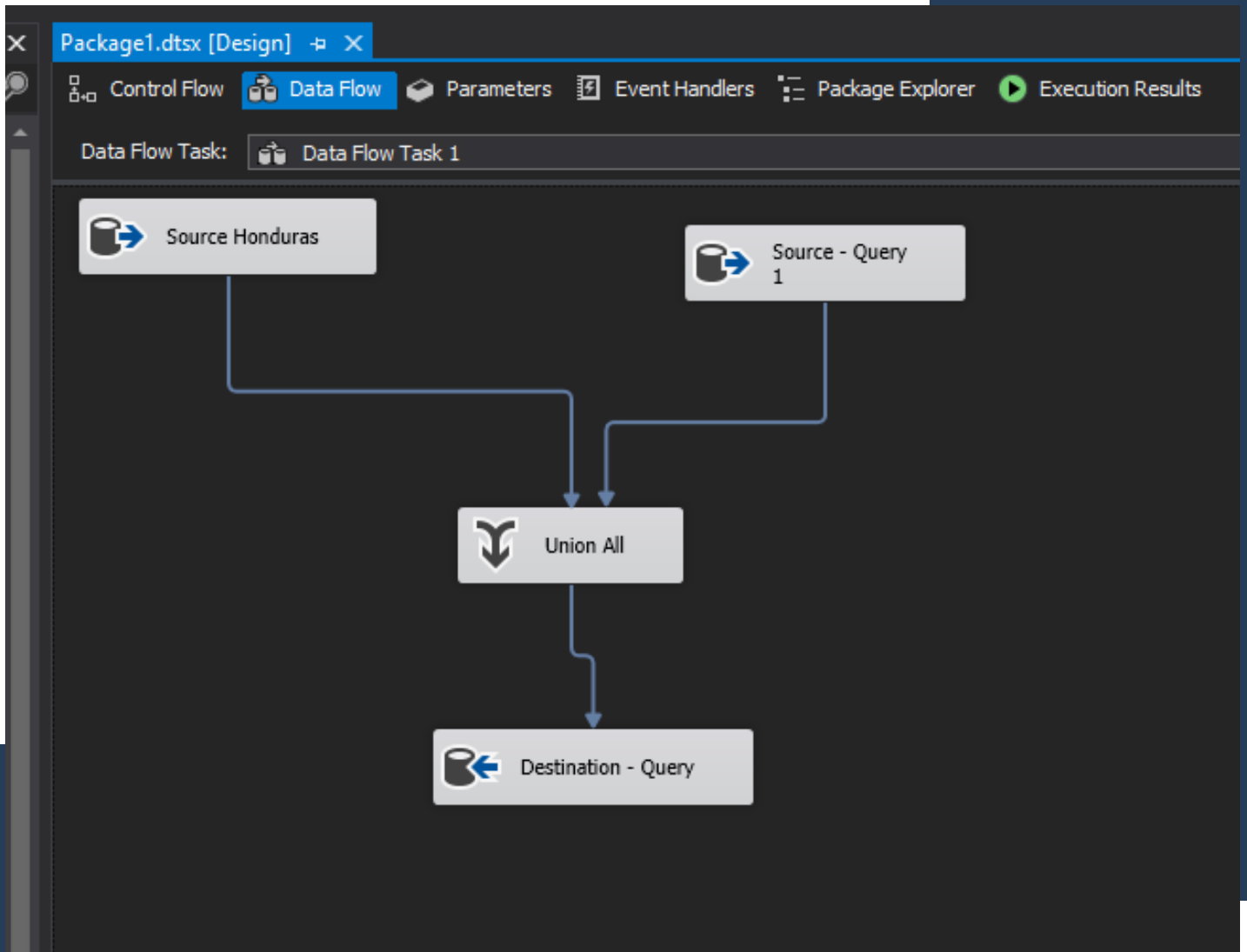
EJERCICIO 2

CONSTANCIA QUERY


```sql
/****** Script for SelectTopNRows command from SSMS ******/
SELECT
       [nombre_tipo] as "Tipo de cliente"
      ,sum([monto_facturacion]) as "monto facturado por tipo de cliente"
  FROM [ejercicio1].[dbo].[fioDio] group by nombre_tipo
```
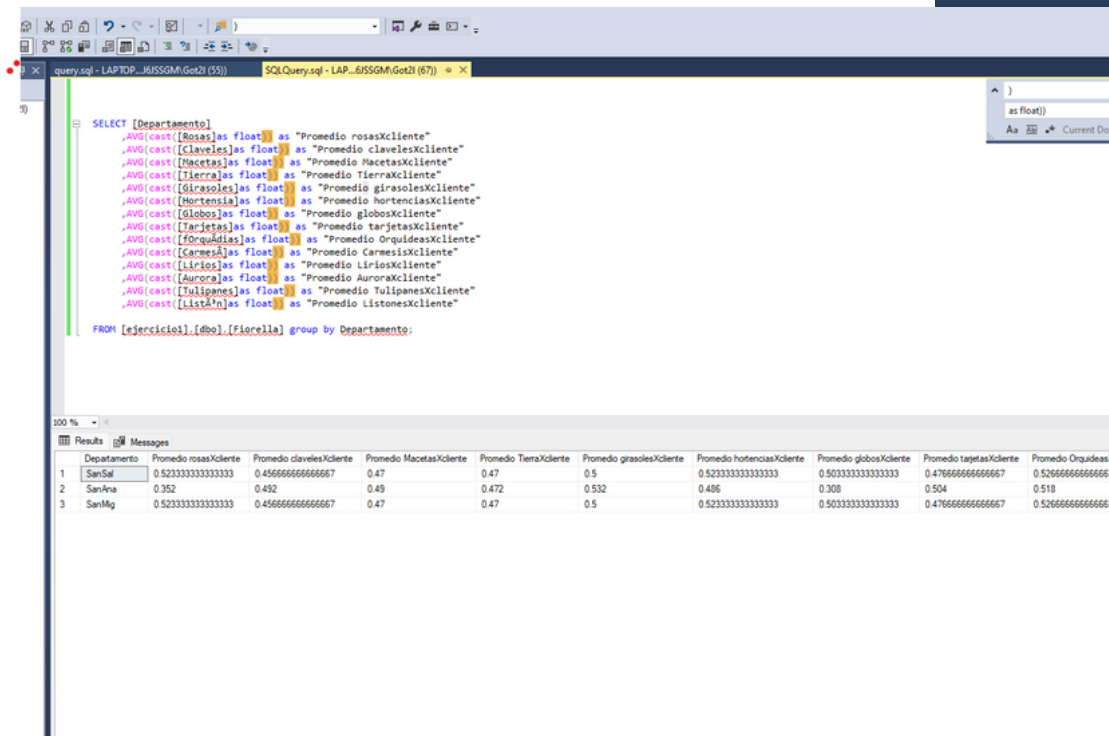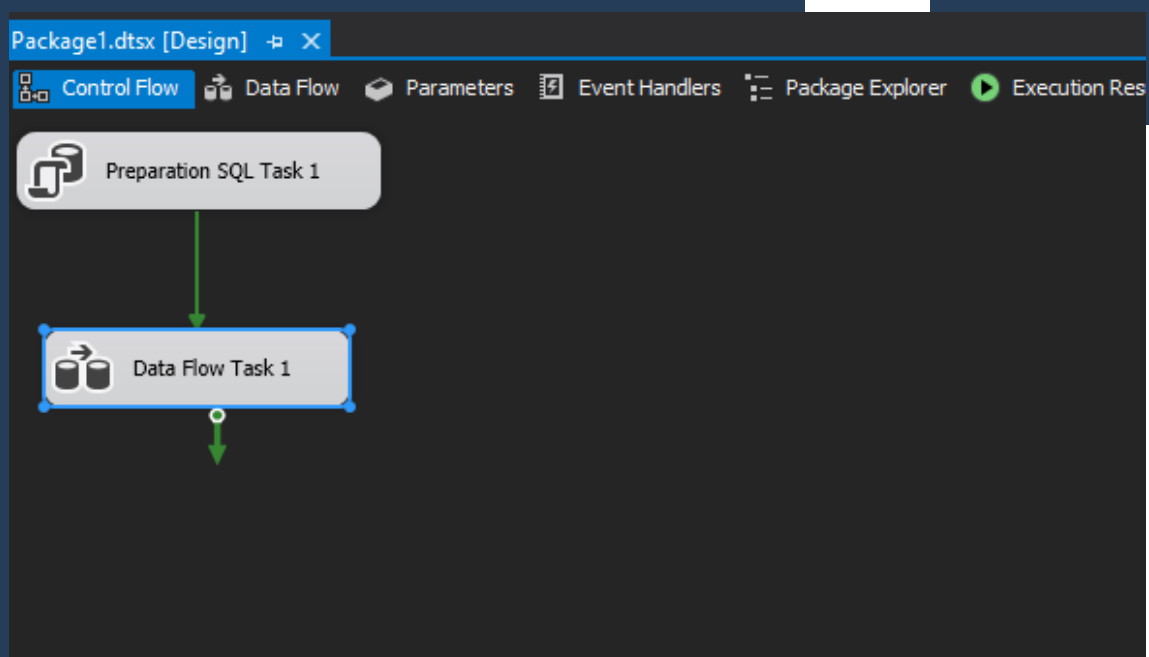
CONTROL FLOW

EJERCICIO 2
DATA FLOW

Package1.dtsx [Design] 📌 ✕

🔲 Control Flow   🔷 Data Flow   🗀 Parameters   🗎 Event Handlers   📋 Package Explorer   ▶ Execution Results

Data Flow Task: 📦 Data Flow Task 1

Source Honduras

Source - Query 1

Union All

Destination - Query
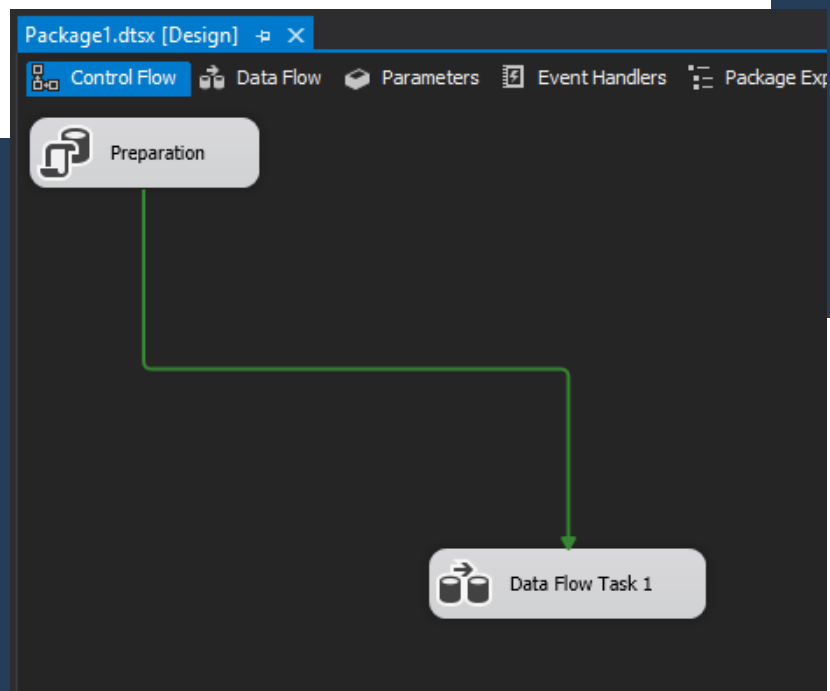
EJERCICIO 3

CONSTANCIA QUERY

CONTROL FLOW

EJERCICIO 2
DATA FLOW

Package1.dtsx [Design]

Control Flow | Data Flow | Parameters | Event Handlers | Package Explorer | Execution Results

Data Flow Task: Data Flow Task 1

Source - SanMiguel

Source - San Salvador

Source - Santa Ana

Derived San Miguel

Derived San Salvador

Derived Santa Ana

Union All

Destination - Fiorella