

The code:

use Data310

Create Table Driver\_Licenses\_Original

```
(
    Count_New_WA_Driver_Licenses int,
    Year int,
    Month int,
    Issue_Date date,
    card_type_issued nvarchar(255),
    county_of_residency nvarchar(255),
    prior_state_of_USA_license_id nvarchar(255),
    prior_country_issuing_license_id nvarchar(255),
    iso_2 nvarchar(255),
    iso_3 nvarchar(255),
    iso_num_code int,
    irs_country_code nvarchar(255),
    card_origin nvarchar(255)
)
```

--drop table driver\_licenses\_original

insert into Driver\_Licenses\_Original

select \*

from Driver\_Licenses\_and\_ID\_Cards\_Tr\$

-- select \* from Driver\_Licenses\_Original

-----

Create Table Driver\_Licenses

```
(
    Year int,
    Month int,
    Issue_Date date,
    issue_date_converted AS CONVERT(varchar, Issue_Date, 1),
    card_type_issued nvarchar(255),
    county nvarchar(255),
    prior_state nvarchar(255),
    prior_country nvarchar(255),
    out_of_country_license_transfers BIT
)
```

-- exec sp\_rename 'Driver\_Licenses.country', 'county', 'column' -- to change the name of the column

--SELECT CONVERT(varchar, Issue\_Date, 1) as issue\_date from driver\_licenses

insert into Driver\_Licenses

Select Year, Month, Issue\_Date, card\_type\_issued, county\_of\_residency,  
prior\_state\_of\_USA\_license\_id, prior\_country\_issuing\_license\_id,

case

when prior\_state\_of\_USA\_license\_id= 'Not Applicable' then 1 /\* 1= yes \*/

else 0 /\* 0= no \*/

end as out\_of\_country\_license\_transfers

from Driver\_Licenses\_Original

--drop table driver\_licenses

-- select \* from driver\_licenses

-----

```
create procedure county_view
    @county nvarchar(30)
as
    select issue_date_converted, card_type_issued, county
    from Driver_Licenses
    where county=@county
go
-- drop procedure county_view
exec county_view @county = 'King'
```

-----

```
create procedure state_view
    @prior_state nvarchar(30)
as
    select issue_date_converted, card_type_issued, prior_state
    from Driver_Licenses
    where prior_state=@prior_state
go
-- drop procedure state_view
exec state_view @prior_state = 'California'
```

-----

```
create procedure country_view
    @prior_country nvarchar(30)
as
    select issue_date_converted, card_type_issued, prior_country
    from Driver_Licenses
    where prior_country= @prior_country
go
-- drop procedure country_view
exec country_view @prior_country = 'Egypt'
```

## Screenshots:

```

use Data310
Create Table Driver_Licenses_Original
(
    Count_New_WA_Driver_Licenses int,
    Year int,
    Month int,
    Issue_Date date,
    card_type_issued nvarchar(255),
    county_of_residency nvarchar(255),
    prior_state_of_USA_license_id nvarchar(255),
    prior_country_issuing_license_id nvarchar(255),
    iso_2 nvarchar(255),
    iso_3 nvarchar(255),
    iso_num_code int,
    irs_country_code nvarchar(255),
    card_origin nvarchar(255)
)
--drop table driver_licenses_original
insert into Driver_Licenses_Original
select *
from Driver_Licenses_and_ID_Cards_Tr$
-- select * from Driver_Licenses_Original

```

Count_New_WA_Driver_Licenses	Year	Month	Issue_Date	card_type_issued	county_of_residency	prior_state_of_USA_license_id	prior_country_issuing_license_id	iso_2	iso_3	iso_num_code	irs_country_code	card_origin
1	2018	11	2018-11-01	Driver License	King	Not Applicable	Costa Rica	CR	CRI	188	CS	POINT (-83.753428 9.7489170000000002)
1	2020	3	2020-03-01	Driver License	Benton	Not Applicable	Cuba	CU	CUB	192	CU	POINT (-77.781167 21.521757)
1	2019	9	2019-09-01	Driver License	Snohomish	Not Applicable	Cuba	CU	CUB	192	CU	POINT (-77.781167 21.521757)
1	2020	11	2020-11-01	Driver License	King	Not Applicable	Czech Republic	CZ	CZE	203	EZ	POINT (15.472962000000003 49.817492)
1	2019	3	2019-03-01	Driver License	King	Not Applicable	Czech Republic	CZ	CZE	203	EZ	POINT (15.472962000000003 49.817492)
1	2019	4	2019-04-01	Driver License	King	Not Applicable	Czech Republic	CZ	CZE	203	EZ	POINT (15.472962000000003 49.817492)
1	2019	11	2019-11-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2019	11	2019-11-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2019	12	2019-12-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2019	11	2019-11-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2019	8	2019-08-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2019	11	2019-11-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	2	2020-02-01	Driver License	Snohomish	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	1	2020-01-01	Driver License	King	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)
1	2020	2	2020-02-01	Driver License	Spokane	Not Applicable	Germany	DE	DEU	276	GM	POINT (10.451526 51.165691)

Query executed successfully.

AMANNY (16.0 RTM) | AMANNY\amann (54) | Data310 | 00:00:00 | 16,383 rows

```

Create Table Driver_Licenses
(
    Year int,
    Month int,
    Issue_Date date,
    issue_date_converted AS CONVERT(varchar, Issue_Date, 1),
    card_type_issued nvarchar(255),
    county nvarchar(255),
    prior_state nvarchar(255),
    prior_country nvarchar(255),
    out_of_country_license_transfers BIT
)

-- exec sp_rename 'Driver_Licenses.county', 'county', 'column' -- to change the name of the column
--SELECT CONVERT(varchar, Issue_Date, 1) as issue_date from driver_licenses

insert into Driver_Licenses
Select Year, Month, Issue_Date, card_type_issued, county_of_residency, prior_state_of_USA_license_id, prior_country_issuing_license_id,
case
    when prior_state_of_USA_license_id= 'Not Applicable' then 1 /* 1= yes */
    else 0 /* 0= no */
end as out_of_country_license_transfers
from Driver_Licenses_Original

```

	Year	Month	Issue_Date	issue_date_converted	card_type_issued	county	prior_state	prior_country	out_of_country_license_transfers
1	2018	11	2018-11-01	11/01/18	Driver License	King	Not Applicable	Costa Rica	1
2	2020	3	2020-03-01	03/01/20	Driver License	Benton	Not Applicable	Cuba	1
3	2019	9	2019-09-01	09/01/19	Driver License	Snohomish	Not Applicable	Cuba	1
4	2020	11	2020-11-01	11/01/20	Driver License	King	Not Applicable	Czech Republic	1
5	2019	3	2019-03-01	03/01/19	Driver License	King	Not Applicable	Czech Republic	1
6	2019	4	2019-04-01	04/01/19	Driver License	King	Not Applicable	Czech Republic	1
7	2019	11	2019-11-01	11/01/19	Driver License	King	Not Applicable	Germany	1
8	2019	11	2019-11-01	11/01/19	Driver License	King	Not Applicable	Germany	1
9	2019	12	2019-12-01	12/01/19	Driver License	King	Not Applicable	Germany	1
10	2019	11	2019-11-01	11/01/19	Driver License	King	Not Applicable	Germany	1
11	2019	8	2019-08-01	08/01/19	Driver License	King	Not Applicable	Germany	1
12	2019	11	2019-11-01	11/01/19	Driver License	King	Not Applicable	Germany	1
13	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
14	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
15	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
16	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
17	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
18	2020	2	2020-02-01	02/01/20	Driver License	Snohomish	Not Applicable	Germany	1
19	2020	1	2020-01-01	01/01/20	Driver License	King	Not Applicable	Germany	1
20	2020	2	2020-02-01	02/01/20	Driver License	Spokane	Not Applicable	Germany	1

Query executed successfully. AMANNY (16.0 RTM) | AMANNY\amann (54) | Data310 | 00:00:00 | 16,383 rows

```

create procedure county_view
    @county nvarchar(30)
as
    select issue_date_converted, card_type_issued, county
    from Driver_Licenses
    where county=@county
go
-- drop procedure county_view
exec county_view @county = 'King'

```

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Results Messages

	issue_date_converted	card_type_issued	county
1	11/01/18	Driver License	King
2	11/01/20	Driver License	King
3	03/01/19	Driver License	King
4	04/01/19	Driver License	King
5	11/01/19	Driver License	King
6	11/01/19	Driver License	King
7	12/01/19	Driver License	King
8	11/01/19	Driver License	King
9	08/01/19	Driver License	King
10	11/01/19	Driver License	King
11	01/01/20	Driver License	King
12	01/01/20	Driver License	King
13	01/01/20	Driver License	King
14	01/01/20	Driver License	King
15	01/01/20	Driver License	King
16	01/01/20	Driver License	King
17	08/01/20	Driver License	King
18	03/01/20	Driver License	King
19	08/01/20	Driver License	King
20	08/01/20	Driver License	King

```

create procedure state_view
    @prior_state nvarchar(30)
as
    select issue_date_converted, card_type_issued, prior_state
    from Driver_Licenses
    where prior_state=@prior_state
go
-- drop procedure state_view
exec state_view @prior_state = 'California'
-----

create procedure country_view
    @prior_country nvarchar(30)
as
    select issue_date_converted, card_type_issued, prior_country
    from Driver_Licenses
    where prior_country= @prior_country

```

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Results Messages

	issue_date_converted	card_type_issued	prior_state
1	02/01/20	Driver License	California
2	11/01/19	ID Card	California
3	02/01/20	Driver License	California
4	12/01/18	Driver License	California
5	09/01/19	Driver License	California
6	09/01/18	Driver License	California
7	11/01/20	Driver License	California
8	08/01/19	Driver License	California
9	09/01/19	Driver License	California
10	11/01/19	Driver License	California
11	09/01/19	Driver License	California
12	07/01/19	Driver License	California
13	10/01/20	Driver License	California
14	10/01/19	Driver License	California
15	01/01/19	Driver License	California
16	04/01/19	Driver License	California
17	09/01/19	Driver License	California
18	11/01/18	ID Card	California
19	04/01/19	Driver License	California
20	12/01/20	Driver License	California



```

create procedure country_view
    @prior_country nvarchar(30)
as
    select issue_date_converted, card_type_issued, prior_country
    from Driver_Licenses
    where prior_country= @prior_country
go
-- drop procedure country_view
exec country_view @prior_country = 'Egypt'

```

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Results Messages

	issue_date_converted	card_type_issued	prior_country
1	01/01/19	ID Card	Egypt
2	03/01/20	ID Card	Egypt
3	10/01/18	Driver License	Egypt
4	09/01/19	Driver License	Egypt
5	11/01/20	Driver License	Egypt
6	12/01/18	Driver License	Egypt