



# This Topic

CASE STATEMENT

# CASE STATEMENT

- Returns a specified value based on a condition, and is often used to group a column into ranges, or to create a flag.
- Syntax:

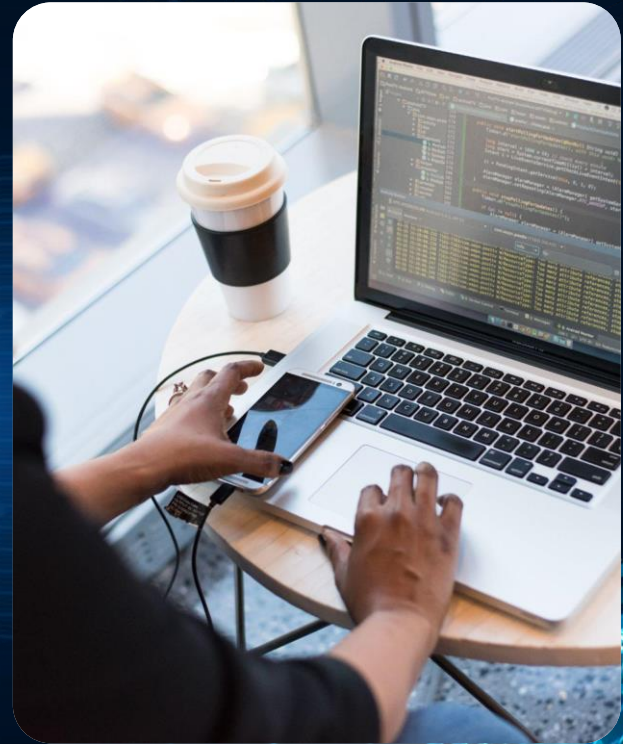
```
CASE WHEN condition1 THEN output1
```

```
WHEN condition2 THEN output2
```

```
WHEN condition3 THEN output3
```

```
ELSE output4
```

```
END
```



# CASE STATEMENT

```
select
```

```
case when creditLimit < 75000 then 'a: Less than $75k'
```

```
when creditLimit between 75000 and 100000 then 'b: $75k -  
$100k'
```

```
when creditLimit between 100000 and 150000 then 'c: $100k  
- $150k'
```

```
when creditLimit > 150000 then 'd: Over $150k'
```

```
else 'Other' end as credit_limit_grp,
```

```
count(distinct c.customernumber) as customers  
from classicmodels.customers c  
group by 1
```

- Good practice to put a final condition showing 'Other' in case a mistake was made.
- Output will be a character data type if you put it in quotation marks.

<	LESS THAN
<=	LESS THAN OR EQUAL TO
=	EQUAL TO
>	GREATER THAN
>=	GREATER THAN OR EQUAL TO
<>	NOT EQUAL TO