

## non-clustered index with include

```
graph LR; A[non-clustered index with include] --- B[if our table has a lot of fields, but most business cases require to read only a few fields or columns]; A --- C[use include to prevent key lookup operation by add copy of the selected columns in non-clustered index]; A --- D[this called covered query: where all the columns in the select query return from the non-clustered indexes];
```

if our table has a lot of fields, but most business cases require to read only a few fields or columns

use include to prevent key lookup operation by add copy of the selected columns in non-clustered index

this called covered query: where all the columns in the select query return from the non-clustered indexes