

# Schema Modeling

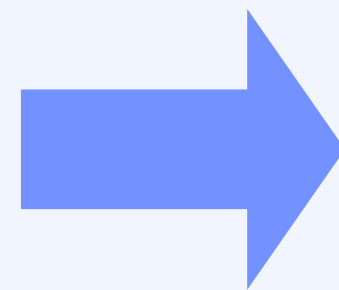
7 기타 편의를 위한 Modeling 기법

# Schema Versioning Pattern

1.

Schema Versioning Pattern

```
{
  "_id": "<ObjectId>",
  "name": "Darth Vader",
  "home": "503-555-0100",
  "work": "503-555-0110",
  "mobile": "503-555-0120"
}
```



```
{
  "_id": "<ObjectId>",
  "schema_version": "2",
  "name": "Anakin Skywalker (Retired)",
  "contact_method": [
    { "work": "503-555-0210" },
    { "mobile": "503-555-0220" },
    { "twitter": "@anaskywalker" },
    { "skype": "AlwaysWithYou" }
  ]
}
```

# Outlier Pattern

## 2.

### Outlier Pattern

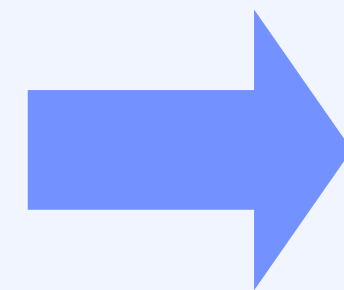
```
{
  "_id": ObjectId("507f191e810c19729de860ea"),
  "title": "Harry Potter, the Next Chapter",
  "author": "J.K. Rowling",
  ...,
  "customers_purchased": ["user00", "user01", "user02", ..., "user999"],
  "has_extras": "true"
}
```

## Dynamic Field Pattern

3.

Dynamic Field Pattern

```
{
  _id: 1,
  name : "Tom",
  classes: [
    { name : "math", score : 90, instructor:"Park" },
    { name : "english", score : 80, instructor:"Kim" },
  ]
}
```



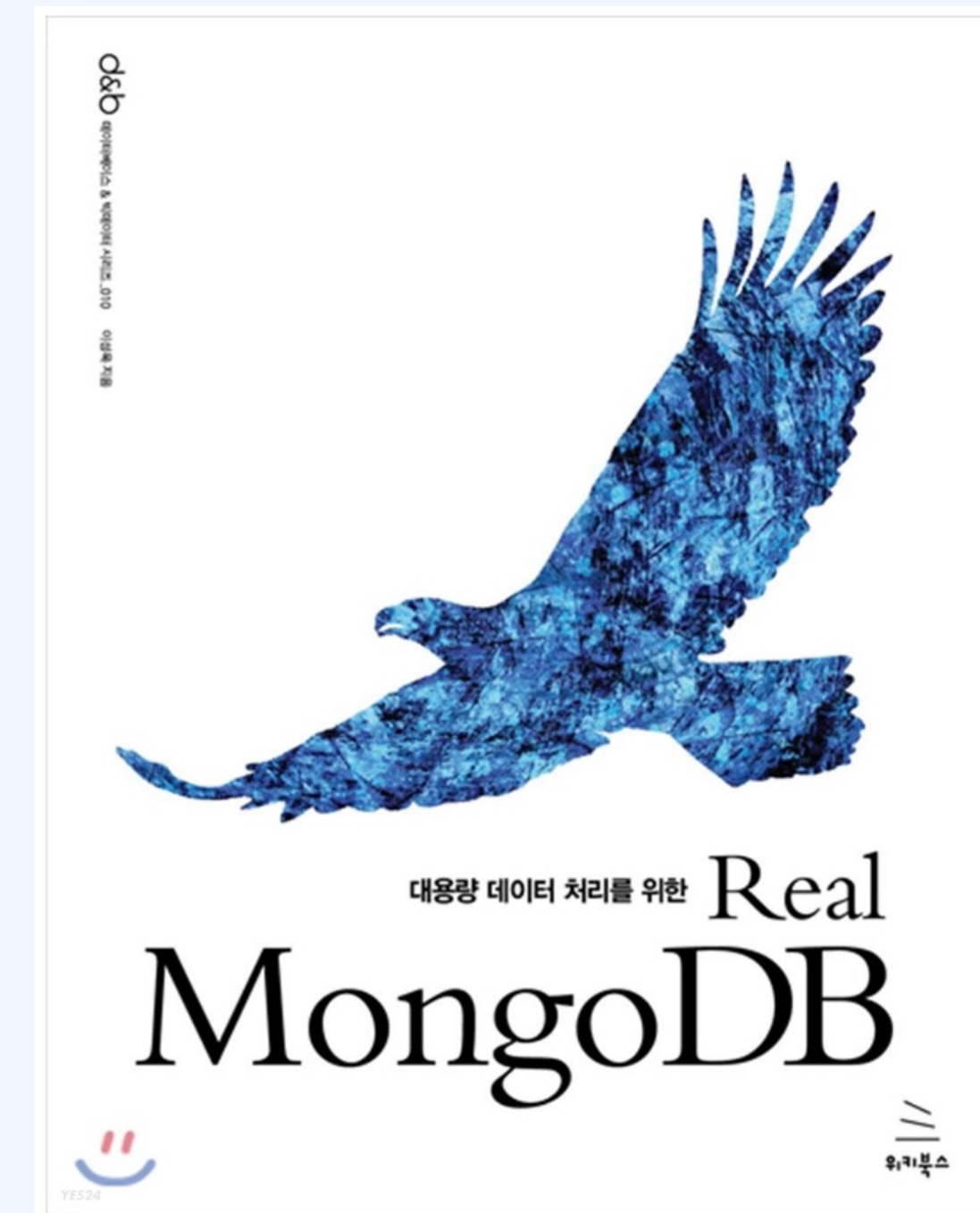
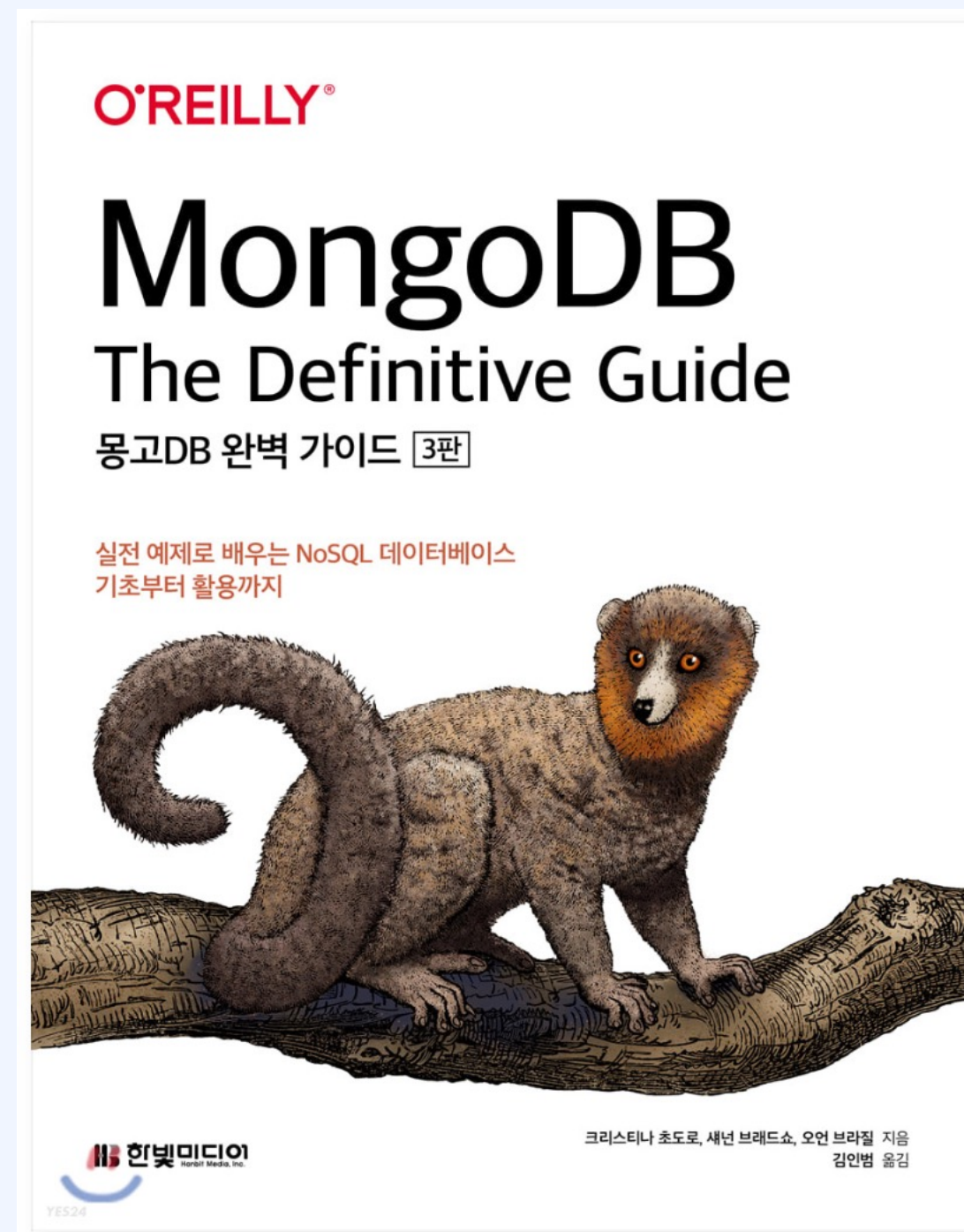
```
{
  _id: 1,
  name : "Tom",
  classes: {
    "math" : { score : 90, instructor:"Park" },
    "english" : { score : 80, instructor:"Kim" },
  }
}
```

```
doc.classes[1].score --> 80
doc.classes['english'].score --> 80
doc.classes.english.score --> 80
```



# Epilogue

## 4. Epilogue



## Epilogue

4.

Epilogue

<https://www.mongodb.com/docs/manual/>

<https://www.mongodb.com/blog>

<https://www.mongodb.com/resources/webinars>

<https://myjamong.tistory.com/>