| **업무 영역** | track info | | **Database 명** | | spotify | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | track | | | | | | |
| **Table 설명** | track의 id와 name같은 정보를 가지는 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| track\_id | | STR |  | NOT | | O |  |
| track\_name | | STR |  | NOT | |  |  |
| track\_popularity | | INT64 |  | NOT | |  |  |
| track\_sampl | | STR |  |  | |  |  |
| album\_id | | STR |  | NOT | |  | ALBUM\_TABLE의 FK |
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| **업무 영역** | artist info | | **Database 명** | | spotify | | |
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| **Table 명** | artist | | | | | | |
| **Table 설명** | artist의 id와 name같은 정보를 가지는 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| artist\_id | | STR |  | NOT | | O |  |
| artist\_name | | STR |  | NOT | |  |  |
| artist\_popularity | | INT64 |  | NOT | |  |  |
| artist\_followers | | INT64 |  | NOT | |  |  |
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| **업무 영역** | album info | | **Database 명** | | spotify | | |
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| **Table 명** | album | | | | | | |
| **Table 설명** | artist의 id와 name같은 정보를 가지는 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| album\_id | | STR |  | NOT | | O |  |
| album\_name | | STR |  | NOT | |  |  |
| album\_total\_tracks | | INT64 |  | NOT | |  |  |
| album\_poularity | | INT64 |  | NOT | |  |  |
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| **업무 영역** | track\_details info | | **Database 명** | | spotify | | |
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| **Table 명** | track\_details | | | | | | |
| **Table 설명** | track\_details의 id와 name같은 정보를 가지는 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| track\_id | | STR |  | NOT | | O | TRACK\_ID의 FK |
| danceability | | FLOAT64 |  | NOT | |  |  |
| energy | | FLOAT64 |  | NOT | |  |  |
| loudness | | FLOAT64 |  | NOT | |  |  |
| speechiness | | FLOAT64 |  | NOT | |  |  |
| acousticness | | FLOAT64 |  | NOT | |  |  |
| instrumentalness | | FLOAT64 |  | NOT | |  |  |
| liveness | | FLOAT64 |  | NOT | |  |  |
| valence | | FLOAT64 |  | NOT | |  |  |
| tempo | | FLOAT64 |  | NOT | |  |  |
| duration\_ms | | INT64 |  | NOT | |  |  |
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| **업무 영역** | track to artist | | **Database 명** | | spotify | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | track\_artist | | | | | | |
| **Table 설명** | track 과 artist의 정보 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| track\_id | | STR |  | NOT | | O | TRACK\_TABLE의 FK |
| artist\_id | | STR |  | NOT | | O | ARTIST\_TABLE의 FK |
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| **업무 영역** | album to artists | | **Database 명** | | spotify | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | album\_artists | | | | | | |
| **Table 설명** | album 와 artists의 정보 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| album\_id | | STR |  | NOT | | O | ALBUM\_TABLE의 FK |
| album\_artists\_id | | STR |  | NOT | | O | ARTISTS\_TABLE의 FK |
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| **업무 영역** | album tracks list | | **Database 명** | | spotify | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | album\_tracks | | | | | | |
| **Table 설명** | album의 tracks\_id | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| album\_id | | INT |  | NOT | | O | ALBUM\_TABLE의 FK |
| album\_tracks\_id | | INT |  | NOT | |  | TRACK\_TABLE의 FK |
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| **업무 영역** | artist genres list | | **Database 명** | | spotify | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | artist\_genres | | | | | | |
| **Table 설명** | artist의 genres속성 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| artist\_id | | STR |  | NOT | | O | ARTIST\_TABLE의 FK |
| artist\_genres | | STR |  | NOT | |  |  |
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| **업무 영역** | 상품 테마 정보 | | **Database 명** | | OOOOO | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | THEME | | | | | | |
| **Table 설명** | 상품의 테마를 저장하기 위한 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| THEME\_NUM | | INT |  | NOT | | O | AUTO INCREMENT |
| THEME\_NAME | | VARCHAR | 100 | NOT | |  | 테마별 이름 |
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| **업무 영역** | 상품과 테마를 분류 | | **Database 명** | | OOOOO | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 명** | CLASSIFY | | | | | | |
| **Table 설명** | 상품에 대한 테마를 분류하기 위한 테이블 | | | | | | |
| **컬럼 명** | | **TYPE** | **Length** | **NULL** | | **PK** | **비고** |
| PRODUCT\_NUM | | INT |  | NOT | | O | PRODUCT TABLE의 FK |
| THEME\_NUM | | INT |  | NOT | | O | THEME TABLE의 FK |
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