Material

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| id\_material | number | Pk | No | No | Si | No | No |
| titulo | Varchar2 | No | No | No | Si | No | No |
| ubicación | Varchar2 | No | No | No | Si | No | No |
| colocacion | Varchar2 | No | No | No | Si | No | No |

Autor

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_autor | Number | Pk | No | No | Si | No | No |
| Nombre\_aut | Varchar2 | No | No | No | Si | No | No |
| Nacionalidad | Varchar2 | No | No | No | Si | No | No |

Lector

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_lector | Number | Pk | No | No | Si | No | No |
| Nomb\_lector | Varchar2 | No | No | No | Si | No | No |
| Domicilio | Varchar2 | No | No | No | Si | No | No |
| Adeudo | Varchar2 | No | No | No | No | No | No |
| Teléfono | Number | No | No | No | Si | No | No |
| Fecha\_alta | Date | No | No | No | Si | No | No |
| Fecha\_vigencia | Date | No | No | No | Si | No | No |

Multa

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_multa | Number | Pk | No | No | Si | No | No |
| Id\_prestamo | Number | Pk, Fk | No | No | Si | No | No |
| Id\_lector | Number | Pk, Fk | No | No | Si | No | No |
| Monto | Number | No | No | No | No | No | No |
| Fecha\_multa | Date | No | No | No | No | No | No |
| Lect\_multa | Date | No | No | No | No | No | No |
| Días\_retraso | Number | No | No | No | No | No | No |

Préstamo

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_prestamo | Number | Pk | No | No | Si | No | No |
| Id\_lector | Number | Pk, Fk | No | No | Si | No | No |
| Tipo\_lect | Varchar2 | No | No | No | No | No | No |
| Fecha\_lect | Date | No | No | No | No | No | No |
| Fecha\_real | Date | No | No | No | No | No | No |
| Fecha\_ven | Date | No | No | No | No | No | No |

Tipo Lector

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Tipo | Varchar2 | Pk | No | No | Si | No | No |
| Id\_lector | Number | Pk, Fjk | No | No | Si | No | No |
| Días\_prest | Date | No | No | No | No | No | No |
| Limit\_mat | Date | No | No | No | No | No | No |
| Limit\_ref | Date | No | No | No | No | No | No |

Ejemplar

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| No\_ejemplar | Number | Pk | No | No | Si | No | No |
| Id\_material | Number | Pk, Fk | No | No | Si | No | No |
| status | Varchar2 | No | Si | No | Si | No | No |

Libro

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| No\_adqui | Number | Pk | No | No | Si | No | No |
| Id\_material | Number | Pk, Fk | No | No | Si | No | No |
| ISBN | Number | No | No | No | Si | No | No |
| Edición | Number | No | No | No | No | No | No |
| Tema | Varchar2 | No | No | No | No | No | No |

Tesis

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_tesis | Number | Pk | No | No | Si | No | No |
| Id\_material | Number | Pk, Fk | No | No | Si | No | No |
| Carrera | Varchar2 | No | No | No | Si | No | No |
| Año\_pub | Date | No | No | No | Si | No | No |

Director

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Nombre | Tipo | Llave | Restricción | Omisión | Obligatorio | Integridad | Derivado |
| Id\_director | Number | Pk | No | No | Si | No | No |
| Id\_tesis | Number | Pk, Fk | No | No | Si | No | No |
| Id\_material | Number | Pk, Fk | No | No | Si | No | No |
| Nomb\_direct | Varchar2 | No | No | No | Si | No | No |
| Gdo\_acad | Varchar2 | No | No | No | Si | No | No |