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| Mnémonique | Significations | Types | Longueurs | Paramètres | Observations |
| Id\_at | Identifiant \_atlete | entier | 3 | unique |  |
| Nm\_at | Nom\_atlete | variable | 30 | obligatoire |  |
| Pr\_at | Prenom\_atlete | variable | 15 | obligatoire |  |
| Genre | genre | varchar | 10 | obligatoire |  |
| Discp\_at | Discipline\_atlete | varchar | 20 | obligatoire |  |
| Poids | poids | decimal | 3 | obligatoire |  |
|  |  |  |  |  |  |
| Id\_fed | Identifiant\_federation | Entier | 3 | unique |  |
| Nom | nom | varchar | 30 | Obligatoire |  |
| Nbres\_atl | Nombres d’atlete | entier | 3 | obligatoire |  |
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|  |  |  |  |  |  |
| Id\_stade | Identifiant\_stade | entier | 3 | unique |  |
| Nom\_st | Nom\_stade | varchar | 30 | obligatoire |  |
| Nm\_ville | Nom\_ville | varchar | 30 | obligatoire |  |
| Dat\_renc | Date\_rencontre | date | 10 | obligatoire |  |
| Nbr\_renc | Nombres\_rencontre | entier | 3 | obligatoire |  |
| Date\_rec | Date\_record | date | 10 | obligatoire |  |
|  |  |  |  |  |  |
| Id\_discip | Identifiant disciplime | entier | 3 | unique |  |
| Nm\_disc | Nom\_discipline | Varchar | 25 | obligatoire |  |
| Nm\_vainq\_disc | Nom\_vainqueur | Varchar | 30 | obligatoire |  |
|  |  |  |  |  |  |
| Id\_clas | Identifiant classement | entier | 3 | unique |  |
| Nm\_vainq | Nom\_vainqueur | Varchar | 30 | obligatoire |  |
| Clas\_init | Classement\_initial | Entier | 4 | obligatoire |  |
| Clas\_fin | Classement\_final | Entier | 4 | obligatoire |  |
| Point | point | Entier | 4 | obligatoire |  |
|  |  |  |  |  |  |
| Id\_rec | Identifiant\_record | Entier | 3 | unique |  |
| Sexe | Sexe | varchar | 10 | obligatoire |  |
| Date | Date | date | 10 | obligatoire |  |
| Stade | stade | Varchar | 30 | obligatoire |  |
| Ville | Ville | Varchar | 30 | obligatoire |  |
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| Mnémoniques | Significations | | types | longueurs | Paramètres | Observations |
|  |  | |  |  |  |  |
| Id\_plag | Identifiant\_plage | | Entier | 3 | unique |  |
| Nm\_plag | Nom\_plage | | Varchar | 30 | obligatoire |  |
| Longueur | Longueur | | Decimal | 4.1 | obligatoire |  |
| Nat\_plag | Nature\_plage | | Varchar | 15 | obligatoire |  |
|  |  | |  |  |  |  |
| Id\_dpt | Identifiant\_departement | | Entier | 3 | unique |  |
| Nm\_resp | Nom\_responsable | | Varchar | 30 | obligatoire |  |
| Pren\_resp | Prenom\_responsable | | Varchar | 30 | obligatoire |  |
|  |  | |  |  |  |  |
| Id\_vil | Identifiant\_ville | | Entier | 3 | unique |  |
| Nm\_vil | Nom\_ville | | Varchar | 30 | obligatoire |  |
| Cd\_post | Code\_postal | | Varchar | 5 | obligatoire |  |
| Nbr\_tour | Nombres touristes | | Entier | 6 | obligatoire |  |
|  |  | |  |  |  |  |
| Id\_nat\_plg | Identifiant\_nature\_plage | | Entier | 3 | unique |  |
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| Nom\_nat\_plag | Nom\_nature\_plage | | Varchar | 30 | obligatoire |  |
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| Mnemonic | Meaning | Types | Length | Paramèters | Observations |
| Id\_loan | Identifier\_loan | Int | 3 | Unique | Not null |
| Date | Date | Date | 10 | Obligatory |  |
| Nbrs\_library | Number\_library | Int | 3 | Obligatory |  |
| Nbrs\_boks\_loan | Number\_books\_loan | Int | 2 | Obligatory |  |
| Title | Title | Varchar | 30 | Obligatory |  |
|  |  |  |  |  |  |
| Id\_client | Identifier\_client | Int | 3 | unique | Not null |
| Fisrt\_nm | First\_name | Varchar | 30 | Obligatory |  |
| Last\_nm | Last\_name | Varchar | 30 | Obligatory |  |
| Caution | Caution | décimal | 3.1 | Obkigatory |  |
|  |  |  |  |  |  |
| Id\_books | Identifier\_books | Int | 3 | Unique | Not null |
| Numbers | Numbers | Int | 5 | Obligatory |  |
| Editor | Editor | Varchar | 30 | Obligatory |  |
| Author | Author | Varchar | 30 | Obligatory |  |
|  |  |  |  |  |  |
| Id\_list | Identifier\_list\_later | Int | 3 | Unique | Not null |
| Nm\_client | Name\_client | Varchar | 30 | Obligatory |  |
| Ad\_client | Adresse\_client | Vachar | 50 | Obligatory |  |
| Loan\_dat | Loan\_date | Date | 10 | Obligatory |  |
| Number | Number | Int | 3 | Obligatory |  |
| Title | Title | Varchar | 30 | Obligatory |  |

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| **EDITEUR** |

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| Mnemonics | Meanings | Types | Lengths | Parameters | observations |
| Id\_books | Identifier book | Int | 3 | Unique | Not null |
| Isbn | Isbn | Int | 5 | Obligatory |  |
| Title | Title | Varchar | 30 | Obligatory |  |
| Price | Price | Decimal | 5.1 | Obligatory |  |
| Author | Author | Varchar | 30 | Obligatory |  |
| Edt\_date | Edition date | Date | 10 | Obligatory |  |
| Copyright | Copyright | Decimal | 5.1 | Obligatory |  |
|  |  |  |  |  |  |
| Id\_edition | Identifier edition | Int | 3 | Unique | Not null |
| Nbr\_edition | Number edition | Int | 3 | Obligatory |  |
| Nbr\_exempl | Number exemplary | Int | 9 | Obligatory |  |
| Id-aw\_win | Indentifier-award winnig | Int | 3 | unique | Not null |
| Nm\_aw\_win | Nam award winning | Varchar | 30 | Obligatory |  |
|  |  |  |  |  |  |
| Id\_auth | Identifier author | Int | 3 | Unique | Not null |
| Fist\_nm | First name | Varchar | 30 | Obligatory |  |
| Last\_nm | Last name | Varchar | 30 | Obligatory |  |
| Pseudo | Pesudonym | Varchar | 30 | Facultative |  |
|  |  |  |  |  |  |
| Id-book\_sto | Identifierbook store | Int | 3 | Unique | Not null |
| Bo\_sto\_nm | Book store name | Varchar | 30 | Obligatory |  |
| Bo\_sto\_ad | Book storeadress | Varchar | 30 | Obligatory |  |
| Bo\_sto\_com | Bookstorecommande | Int | 7 | Obligatory |  |
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