## Avaliação 06 - Banco de Dados

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```
// Criação do Banco de Dados
var sqlite3 = require('sqlite3');
var db = new sqlite3.Database('avaliacoes/avaliacao-06/BD_SCA.db');
```

Tópico 1 - Criando um Banco de Dados com o nome BD\_SCA.db

```
db.serialize(function() {
    // Criação das Tabelas
db.run(`CREATE TABLE IF NOT EXISTS TB_ALUNO (
                 id INTEGER NOT NULL,
                 nome TEXT NOT NULL,
                 cpf TEXT NOT NULL UNIQUE,
                  PRIMARY KEY ("id" AUTOINCREMENT)
    db.run( CREATE TABLE IF NOT EXISTS TB_PROFESSOR (
                 id INTEGER NOT NULL, nome TEXT NOT NULL,
                  PRIMARY KEY ("id" AUTOINCREMENT)
    db.run( CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (
                 id INTEGER NOT NULL,
                 nome TEXT NOT NULL,
                 PRIMARY KEY ("id" AUTOINCREMENT)
    db.run( CREATE TABLE IF NOT EXISTS TB_MATRICULA (
                 id INTEGER NOT NULL,
aluno_id INTEGER NOT NULL,
disciplina_id INTEGER NOT NULL,
                 professor_id INTEGER NOT NULL,
                  PRIMARY KEY ("id" AUTOINCREMENT)
                 FOREIGN KEY ("aluno_id") REFERENCES "TB_ALUNO"("id"),
FOREIGN KEY ("disciplina_id") REFERENCES "TB_DISCIPLINA"("id"),
                  FOREIGN KEY ("professor_id") REFERENCES "TB_PROFESSOR"("id")
    db.run( CREATE TABLE IF NOT EXISTS TB_PROFESSOR_DISCIPLINA (
                  id INTEGER NOT NULL,
                  disciplina_id INTEGER NOT NULL,
                  professor_id INTEGER NOT NULL,
                  PRIMARY KEY ("id" AUTOINCREMENT)
                  FOREIGN KEY ("disciplina_id") REFERENCES "TB_DISCIPLINA"("id"),
                  FOREIGN KEY ("professor_id") REFERENCES "TB_PROFESSOR"("id")
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Tópico 2 - Criando as tabelas **TB\_ALUNO**, **TB\_DISCIPLINA**, **TB\_PROFESSOR**, **TB\_MATRICULA** 

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Tópico 3 - Criando comandos SQL para inserir dados nas tabelas