

Nome	Tipo	Esquema
<div> <div>Tabelas (6)</div> <div> <div>knex_migrations</div> <div> <div>id</div> <div>name</div> <div>batch</div> <div>migration_time</div> </div> </div> </div>	<div>integer</div> <div>varchar(255)</div> <div>integer</div> <div>datetime</div>	<div>CREATE TABLE `knex_migrations` ( `id` integer not null primary key autoincrement, `name` varchar(255), `batch` integer, `migration_time` datetime)</div> <div>"id" integer NOT NULL</div> <div>"name" varchar(255)</div> <div>"batch" integer</div> <div>"migration_time" datetime</div>
<div> <div>knex_migrations_lock</div> <div> <div>index</div> <div>is_locked</div> </div> </div>	<div>integer</div> <div>integer</div>	<div>CREATE TABLE `knex_migrations_lock` ( `index` integer not null primary key autoincrement, `is_locked` integer)</div> <div>"index" integer NOT NULL</div> <div>"is_locked" integer</div>
<div> <div>sqlite_sequence</div> <div> <div>name</div> <div>seq</div> </div> </div>		<div>CREATE TABLE sqlite_sequence(name,seq)</div> <div>"name"</div> <div>"seq"</div>
<div> <div>tb_alunos</div> <div> <div>id</div> <div>nome</div> <div>email</div> </div> </div>	<div>integer</div> <div>varchar(255)</div> <div>varchar(255)</div>	<div>CREATE TABLE `tb_alunos` ( `id` integer not null primary key autoincrement, `nome` varchar(255) not null, `email` varchar(255) not null)</div> <div>"id" integer NOT NULL</div> <div>"nome" varchar(255) NOT NULL</div> <div>"email" varchar(255) NOT NULL</div>
<div> <div>tb_disciplinas</div> <div> <div>id</div> <div>nome</div> <div>professor_id</div> </div> </div>	<div>integer</div> <div>varchar(255)</div> <div>integer</div>	<div>CREATE TABLE `tb_disciplinas` ( `id` integer not null primary key autoincrement, `nome` varchar(255) not null, `professor_id` integer, foreign key(`professor_id`) references `professores` (`id`))</div> <div>"id" integer NOT NULL</div> <div>"nome" varchar(255) NOT NULL</div> <div>"professor_id" integer</div>
<div> <div>tb_professores</div> <div> <div>id</div> <div>nome</div> <div>email</div> </div> </div>	<div>integer</div> <div>varchar(255)</div> <div>varchar(255)</div>	<div>CREATE TABLE `tb_professores` ( `id` integer not null primary key autoincrement, `nome` varchar(255) not null, `email` varchar(255) not null)</div> <div>"id" integer NOT NULL</div> <div>"nome" varchar(255) NOT NULL</div> <div>"email" varchar(255) NOT NULL</div>
<div> <div>Índices (2)</div> <div> <div>tb_alunos_email_unique</div> <div>tb_professores_email_unique</div> </div> </div>		<div>CREATE UNIQUE INDEX `tb_alunos_email_unique` on `tb_alunos` ( `email` )</div> <div>CREATE UNIQUE INDEX `tb_professores_email_unique` on `tb_professores` ( `email` )</div>
<div> <div>Vistas (0)</div> <div> <div>Gatilhos (0)</div> </div> </div>		

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Tipo de dados atualmente na célula

Tamanho dos dados atualmente na célula

Remoto

Identidade

Selecione uma identidade para se conectar

DEB-HUB-IO

Local

Banco de dados atual

Nome

The image shows a Visual Studio Code editor window with a project named 'bd-10'. The Explorer sidebar on the left shows the file structure: 'migrations' folder containing '20230605164553\_create\_tables.js', 'node\_modules', 'seeds', 'knexfile.js', 'package-lock.json', 'package.json', and 'SCA.db'. The 'seeds' folder is currently selected.

The main editor area displays the content of '20230605164553\_create\_tables.js'. The code is a JavaScript file for Knex.js migrations, defining three tables: 'tb\_alunos', 'tb\_professores', and 'tb\_disciplinas'.

```
1  /**
2   * @param { import("knex").Knex } knex
3   * @returns { Promise<void> }
4   */
5  exports.up = function(knex) {
6    return knex.schema
7      .createTable('tb_alunos', function(table) {
8        table.increments('id').primary();
9        table.string('nome').notNullable();
10       table.string('email').notNullable().unique();
11      })
12      .createTable('tb_professores', function(table) {
13        table.increments('id').primary();
14        table.string('nome').notNullable();
15        table.string('email').notNullable().unique();
16      })
17      .createTable('tb_disciplinas', function(table) {
18        table.increments('id').primary();
19        table.string('nome').notNullable();
20        table.integer('professor_id').unsigned().references('id').inTable('professores');
21      });
22  };
23
```

Below the editor, the TERMINAL tab is active, showing a PowerShell session. It includes instructions to install the latest PowerShell, followed by commands to initialize a project, create a package.json file, and run migrations and seed data.

```
Instale o PowerShell mais recente para obter novos recursos e aprimoramentos! https://aka.ms/PSWindows
PS C:\Users\Alunos\Documents\bd-10> npm init -y
Write to C:\Users\Alunos\Documents\bd-10\package.json:
{
  "name": "bd-10",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" & exit 1"
  },
  "keywords": [],
  "author": "Alunos",
  "license": "ISC"
}
PS C:\Users\Alunos\Documents\bd-10> npm run knex seed:make 01_seed_data.js
Using environment: development
Using environment: development
Using environment: development
Created seed file: C:\Users\Alunos\Documents\bd-10\seeds\01_seed_data.js.js
PS C:\Users\Alunos\Documents\bd-10>
```

The status bar at the bottom indicates the current file is '20230605164553\_create\_tables.js', line 28, column 32, with 66 characters selected. It also shows the encoding as UTF-8 and the language as JavaScript.