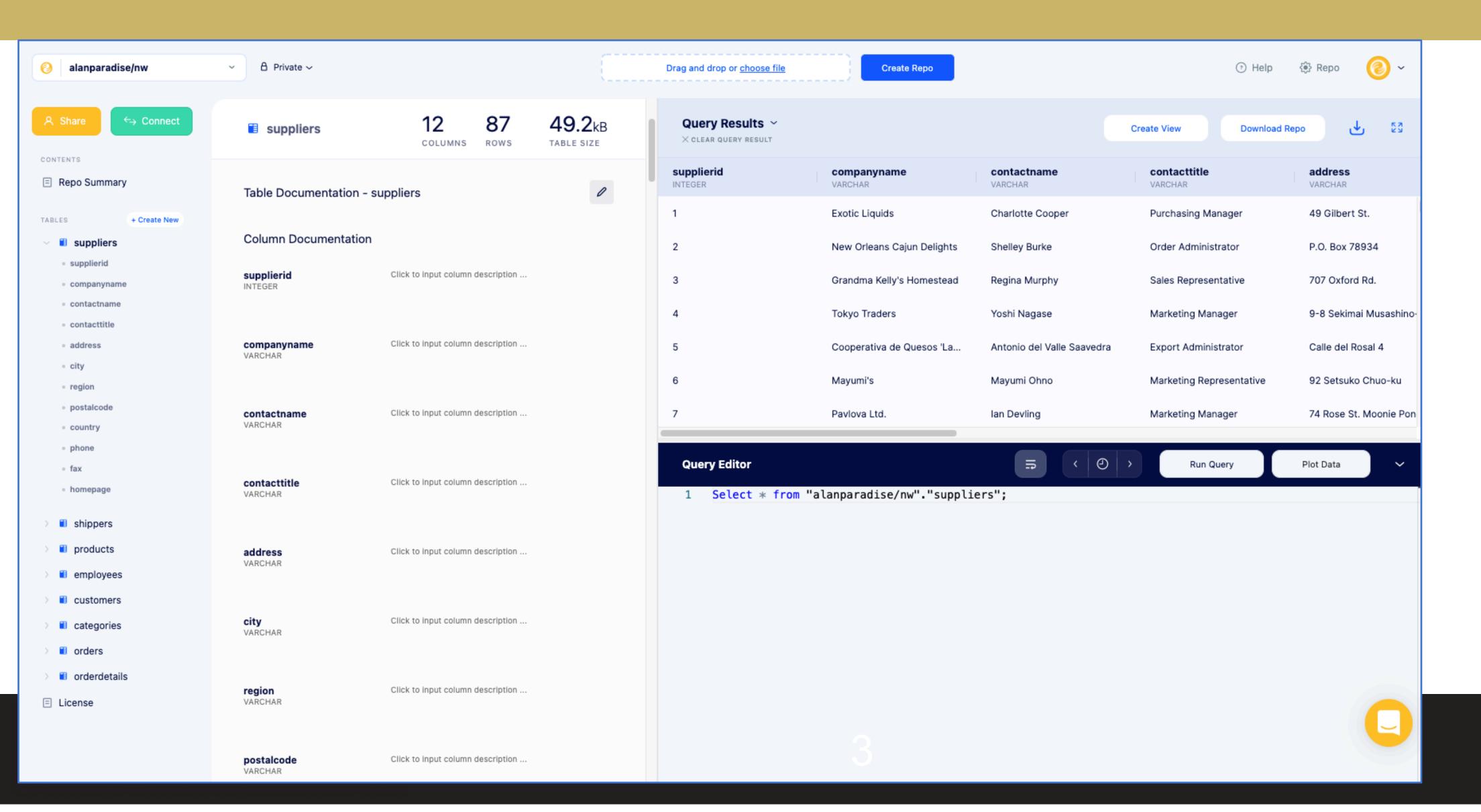
Our "Practice" SQL environment:

- We will be using the website "bit.io"
- This website provides the capability to:
  - Create a database
  - Make it publicly available to students
  - Run SQL statements



- bit.io uses a standard PostgreSQL database engine
- bit.io offers excellent help at the click of a button

#### SQL Basics – the bit.io interface



The instructions for your first Lab Exercise include

- Navigating to bit.io
- Logging in to bit.io
- Connecting to our Lab Repository
- Running your first queries



#### Table names must be fully qualified

• "reponame". "tablename"

### SQL Basics - Demo Database

#### The Northwinds Database

- Sample relational database from Microsoft
- Northwinds purchases food items ("products") from suppliers
- Employees sell products to customers through orders
- 8 tables

