

Web Based Dashboards

Module # 6a (Change Column DataType)

Dr. Wajahat Gilani

Rutgers Business School

July 22, 2021

Change Salary Column from money to numeric

Recall that [SQLAlchemy](#) doesn't have a [money](#) datatype, and that we need to change the [salary](#) column's datatype to numeric. Log in to [DBeaver](#) (but first connect to your database from [atom!](#))

```
version          Print the client and server version information
```

Usage:

```
kubectl [flags] [options]
```

Use "kubectl <command> --help" for more information about a given command.

Use "kubectl options" for a list of global command-line options (applies to all commands).

```
wajgilani@1053macbooks-MacBook-Pro website % kubectl port-forward service/postgresql 5432:5432  
^C
```

```
wajgilani@1053macbooks-MacBook-Pro website % kubectl port-forward service/postgresql 5432:5432  
Forwarding from 127.0.0.1:5432 -> 5432  
Forwarding from [::1]:5432 -> 5432
```

Change Salary Column from money to numeric

The screenshot shows the DBeaver Database Navigator interface. On the left, the tree view shows the database structure: **pgdb** - localhost:5432 > **public** > **Tables** > **salary** > **Columns**. The **salary** column is selected, showing its properties: **money** (152K), **Not Null**, **Local**, **Default**, and **Comment**. A purple arrow points to the **money** data type dropdown, and another purple arrow points to the **Local** checkbox. The right pane shows the **Properties** tab for the **salary** column, with fields for **Column Name**, **Data type**, **Identity**, **Collation**, and **Generated**. The **Permissions** tab is also visible, showing a list of permissions for the **pguser** role.

Open DBeaver and navigate to the **salary** column and double click on it. You will see the definition of **salary** open up on the right side.

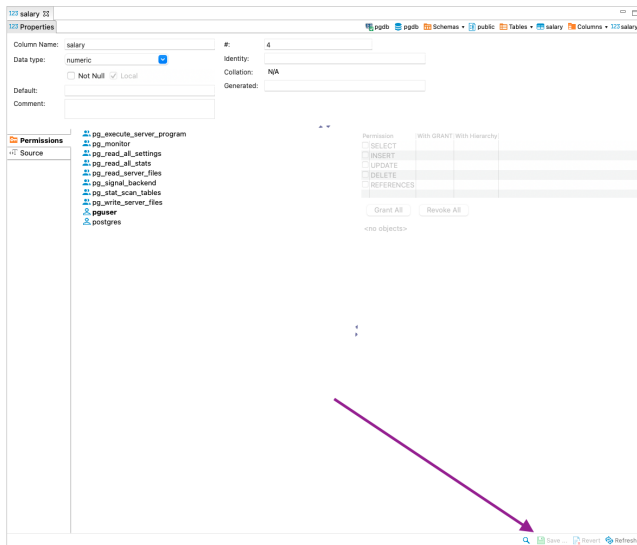
Change Salary Column from money to numeric

The screenshot shows the SQL Developer interface with the following components:

- Database Navigator:** Displays the tree structure for 'pgdb' at 'localhost:5432'. The 'public' schema is expanded, showing the 'salary' table. The 'salary' table is selected, and its columns are listed: 'player' (varchar), 'fieldposition' (varchar), 'team' (varchar), and '123 salary' (numeric). The '123 salary' column is highlighted.
- Properties Panel:** Shows the properties for the selected column '123 salary'. The 'Data type' is set to 'numeric', which is highlighted by a red arrow. Other properties like 'Not Null', 'Local', 'Default', and 'Comment' are also visible.
- Permissions Panel:** Lists the permissions for the selected column, including 'pg_execute_server_program', 'pg_monitor', 'pg_read_all_settings', 'pg_read_all_stats', 'pg_read_server_files', 'pg_signal_backend', 'pg_stat_scan_tables', 'pg_write_server_files', 'pguser', and 'postgres'.

Change the datatype to **numeric**.

Change Salary Column from money to numeric



Click on the **disk**

image at the bottom-right of the screen.