

### Summary:

- Completed a simple Django tutorial about background and basic syntax.
- Completed a simple Django tutorial about user registration and authentication.
- Google Sign-In possible:
  - Set up a Google Cloud project
  - Set up the OAuth 2.0 Credentials
  - Integrate Google Sign-In SDK/Library
- Fixed:  $\text{Numeric values in DB} / 100 = \text{Real numeric value}$
- Brainstormed useful KPIs for restaurants:
  - Activity report: total revenue, tickets, and top dishes of the day.  
Comprehensive data may be displayed daily, monthly, and yearly. Also, it is possible to get the table turnover, average ticket size, and customer count (if party size is provided).
  - Management report: The restaurant can record its fixed costs and variable costs to get the breakeven point and gross profit. Also, many other useful KPIs can be calculated like the cash flow and cost of goods sold (COGs). Furthermore, even the performance of each employee can be recorded and compared.

← → ↻ ⓘ 127.0.0.1:8000/register/

Username:  Required. 150 characters or fewer. Letters, digits and @./+/\_ only.

Email address:

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:  Enter the same password as before, for verification.

← → ↻ ⓘ 127.0.0.1:8000/my\_login/

Username:

Password:

← → ↻ ⓘ 127.0.0.1:8000/dashboard/

# Dashboard

[Logout Here](#)

