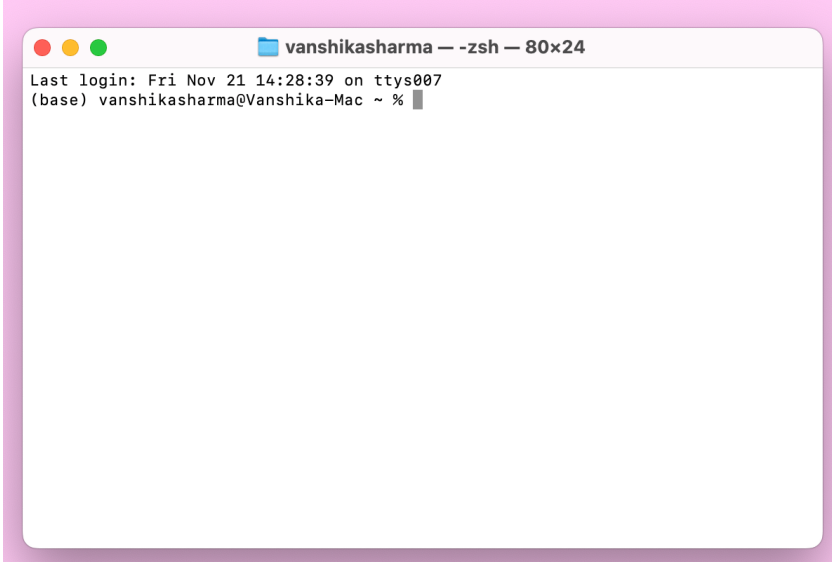


## Data Architecture CA (23198389)

How to run the Python code

→ Step 1

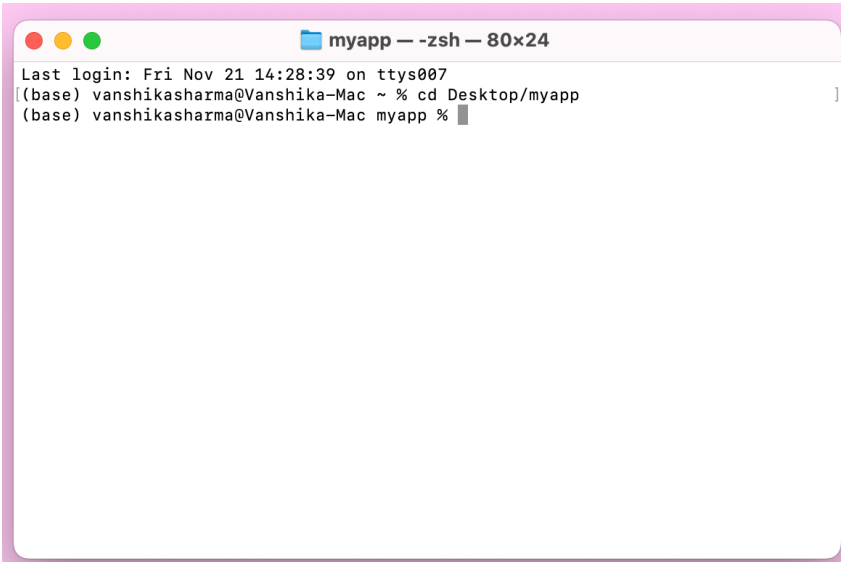
Open the terminal

A terminal window titled 'vanshikasharma — zsh — 80x24'. The window shows the output of a login: 'Last login: Fri Nov 21 14:28:39 on ttys007' followed by the prompt '(base) vanshikasharma@Vanshika-Mac ~ %' with a cursor. The window has a pink border and standard macOS window controls (red, yellow, green buttons) at the top left.

```
vanshikasharma — zsh — 80x24
Last login: Fri Nov 21 14:28:39 on ttys007
(base) vanshikasharma@Vanshika-Mac ~ %
```

→ Step 2

Open the myapp file (I am using Mac)

A terminal window titled 'myapp — zsh — 80x24'. The window shows the output of a command: 'Last login: Fri Nov 21 14:28:39 on ttys007' followed by the prompt '[(base) vanshikasharma@Vanshika-Mac ~ % cd Desktop/myapp' and then '(base) vanshikasharma@Vanshika-Mac myapp %' with a cursor. The window has a pink border and standard macOS window controls (red, yellow, green buttons) at the top left.

```
myapp — zsh — 80x24
Last login: Fri Nov 21 14:28:39 on ttys007
[(base) vanshikasharma@Vanshika-Mac ~ % cd Desktop/myapp
(base) vanshikasharma@Vanshika-Mac myapp %
```

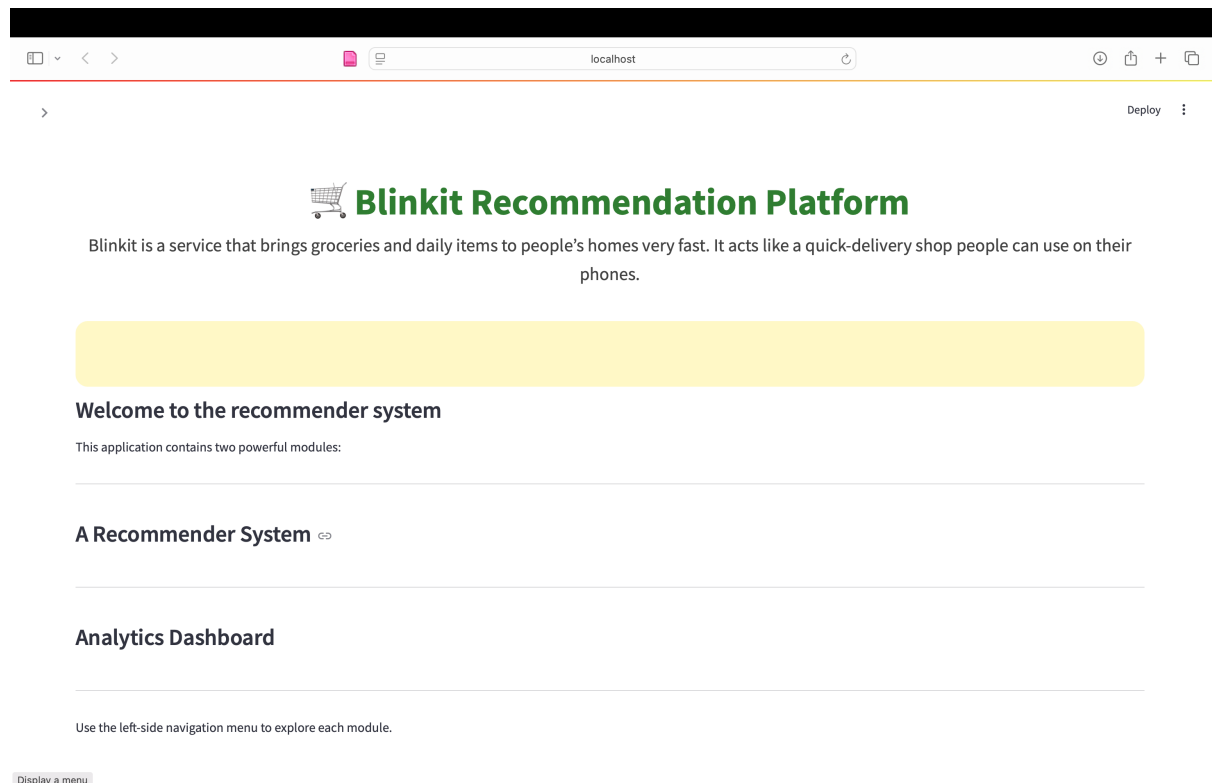
### → Step 3

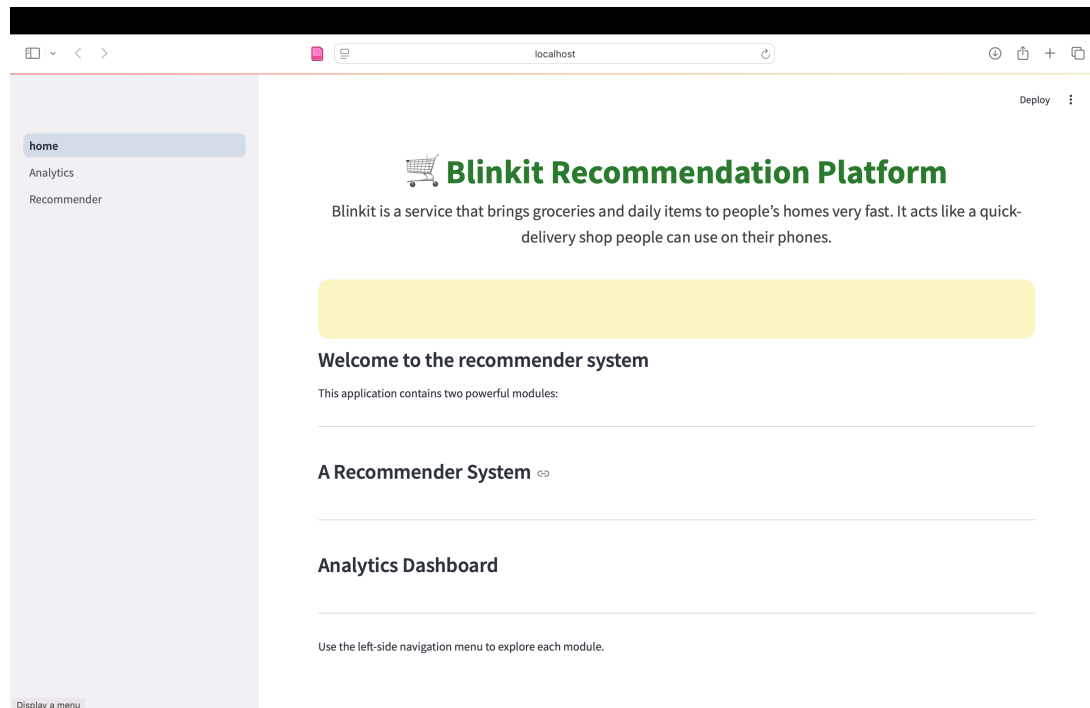
Use the command `streamlit run home.py`

```
myapp — -zsh — 80x24
Last login: Fri Nov 21 14:28:39 on ttys007
[(base) vanshikasharma@Vanshika-Mac ~ % cd Desktop/myapp
(base) vanshikasharma@Vanshika-Mac myapp % streamlit run home.py
```

### → Step 4

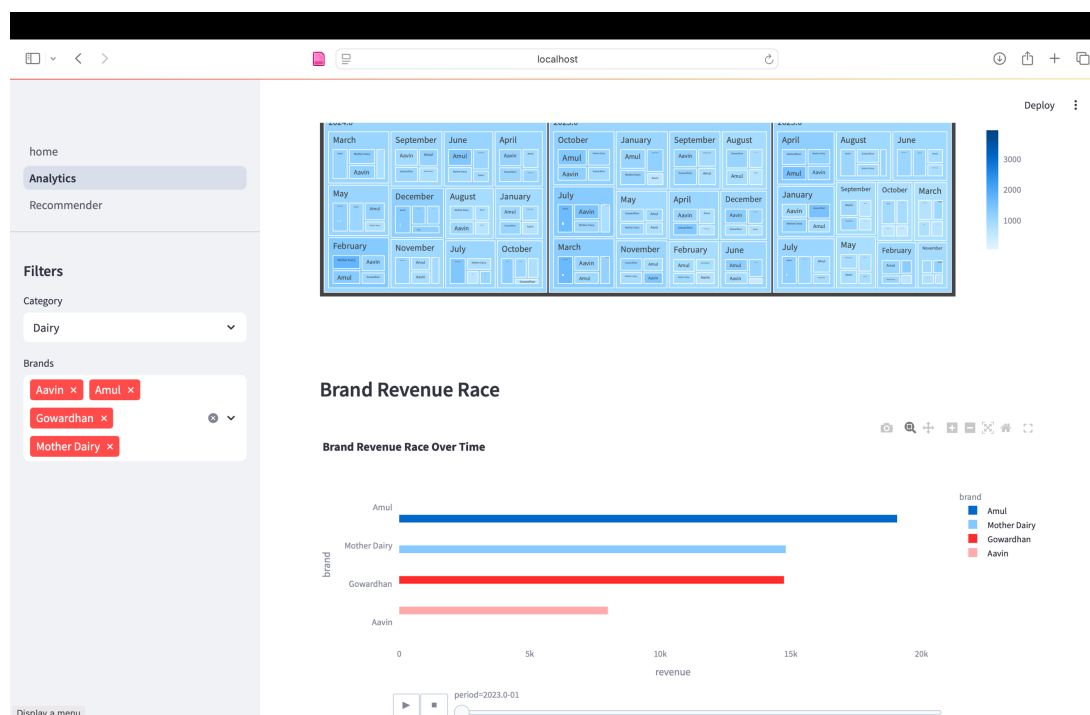
See the home page





## → Step 5

Use Analytics to see the dashboards and apply filters for any brand or category (it takes time to run this page) I have used Dairy Category here, and selected all the brands.



## → Step 6

Recommendations system, it gives an option to select how many recommendations a user wants to see, and also suggest customers also bought this (this is general for all, based on most selling items, based on category or brand). There is a filter to sort out based on prices as well.

