Pandas Merging dataframes

Merging dataframes in pandas is a powerfull way to combine data from multiple sources into a single dataframe.

Pandas provide several methods to achive this, but the most common method one is `merge()` function.

`Syntax:`

```
pd.merge(left,right,
how='left|right|inner|outer',left_on='',right_on='',left_index='',right_index='')
```

`Note:`

- `left:` The first dataframe.
- `right:` The second dataframe.
- `how:` The type of join to perform. Options include 'left', 'right', 'outer', and 'inner'.
- `on:` Column or index level name(s) to join on. Must be found in both dataframes.
- `left_on:` Column or index level name(s) in the left dataframe to join on.
- `right_on:` Column or index level name(s) in the right dataframe to join on.
- `left_index:` If True, use the index from the left dataframe as the join key(s).
- `right_index:` If True, use the index from the right dataframe as the join key(s).

`Example:`

```
import numpy as np
import pandas as pd


food = pd.read_csv("csv/restaurant_foods.csv")
customers = pd.read_csv("csv/restaurant_customers.csv")
week_1 = pd.read_csv("csv/restaurant_week_1_sales.csv")
week_2 = pd.read_csv("csv/restaurant_week_2_sales.csv")

print(week_1.head())
print(food.head())

df = pd.merge(food, week_1, how="left", on="Food ID")

print(df)
```