

# Inventory ingredients Dataset for 'A Pizza restaurant

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In [1]: import pandas as pd
```

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In [3]: inventory_ingredients = [  
    {"Item_ID": 1, "Ingredient": "Tomato Sauce", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 1, "Ingredient": "Cheese", "Quantity_Per_Item": 150, "Stock_Level": 150},  
    {"Item_ID": 1, "Ingredient": "Basil", "Quantity_Per_Item": 10, "Stock_Level": 10},  
  
    {"Item_ID": 2, "Ingredient": "Tomato Sauce", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 2, "Ingredient": "Cheese", "Quantity_Per_Item": 150, "Stock_Level": 150},  
    {"Item_ID": 2, "Ingredient": "Salami", "Quantity_Per_Item": 50, "Stock_Level": 50},  
  
    {"Item_ID": 3, "Ingredient": "Tomato Sauce", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 3, "Ingredient": "Vegan Cheese", "Quantity_Per_Item": 150, "Stock_Level": 150},  
    {"Item_ID": 3, "Ingredient": "Mushrooms", "Quantity_Per_Item": 50, "Stock_Level": 50},  
    {"Item_ID": 3, "Ingredient": "Bell Peppers", "Quantity_Per_Item": 30, "Stock_Level": 30},  
  
    {"Item_ID": 4, "Ingredient": "Pasta", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 4, "Ingredient": "Pancetta", "Quantity_Per_Item": 80, "Stock_Level": 80},  
    {"Item_ID": 4, "Ingredient": "Tomato Sauce", "Quantity_Per_Item": 100, "Stock_Level": 100},  
  
    {"Item_ID": 5, "Ingredient": "Pasta", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 5, "Ingredient": "Pancetta", "Quantity_Per_Item": 80, "Stock_Level": 80},  
    {"Item_ID": 5, "Ingredient": "Eggs", "Quantity_Per_Item": 2, "Stock_Level": 2},  
  
    {"Item_ID": 6, "Ingredient": "Pasta", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 6, "Ingredient": "Ground Beef", "Quantity_Per_Item": 120, "Stock_Level": 120},  
    {"Item_ID": 6, "Ingredient": "Tomato Sauce", "Quantity_Per_Item": 100, "Stock_Level": 100},  
  
    {"Item_ID": 7, "Ingredient": "Flour", "Quantity_Per_Item": 50, "Stock_Level": 50},  
    {"Item_ID": 7, "Ingredient": "Olive Oil", "Quantity_Per_Item": 30, "Stock_Level": 30},  
    {"Item_ID": 7, "Ingredient": "Rosemary", "Quantity_Per_Item": 5, "Stock_Level": 5},  
  
    {"Item_ID": 8, "Ingredient": "Coca-Cola", "Quantity_Per_Item": 1, "Stock_Level": 1},  
    {"Item_ID": 9, "Ingredient": "Mascarpone", "Quantity_Per_Item": 100, "Stock_Level": 100},  
    {"Item_ID": 9, "Ingredient": "Coffee", "Quantity_Per_Item": 50, "Stock_Level": 50},  
    {"Item_ID": 10, "Ingredient": "Coffee", "Quantity_Per_Item": 30, "Stock_Level": 30},  
    {"Item_ID": 11, "Ingredient": "Water", "Quantity_Per_Item": 1, "Stock_Level": 1},  
]
```

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In [5]: inventory_ingredients_df = pd.DataFrame(inventory_ingredients)
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In [7]: inventory_ingredients_df.to_csv("inventory_ingredients.csv", index=False)
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In [9]: inventory_ingredients_df
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Out[9]:

	Item_ID	Ingredient	Quantity_Per_Item	Stock_Level
0	1	Tomato Sauce	100	2000
1	1	Cheese	150	1500
2	1	Basil	10	500
3	2	Tomato Sauce	100	2000
4	2	Cheese	150	1600
5	2	Salami	50	600
6	3	Tomato Sauce	100	1800
7	3	Vegan Cheese	150	1400
8	3	Mushrooms	50	500
9	3	Bell Peppers	30	400
10	4	Pasta	100	1000
11	4	Pancetta	80	800
12	4	Tomato Sauce	100	1500
13	5	Pasta	100	1100
14	5	Pancetta	80	850
15	5	Eggs	2	400
16	6	Pasta	100	900
17	6	Ground Beef	120	600
18	6	Tomato Sauce	100	1300
19	7	Flour	50	600
20	7	Olive Oil	30	400
21	7	Rosemary	5	200
22	8	Coca-Cola	1	500
23	9	Mascarpone	100	200
24	9	Coffee	50	300
25	10	Coffee	30	600
26	11	Water	1	1000