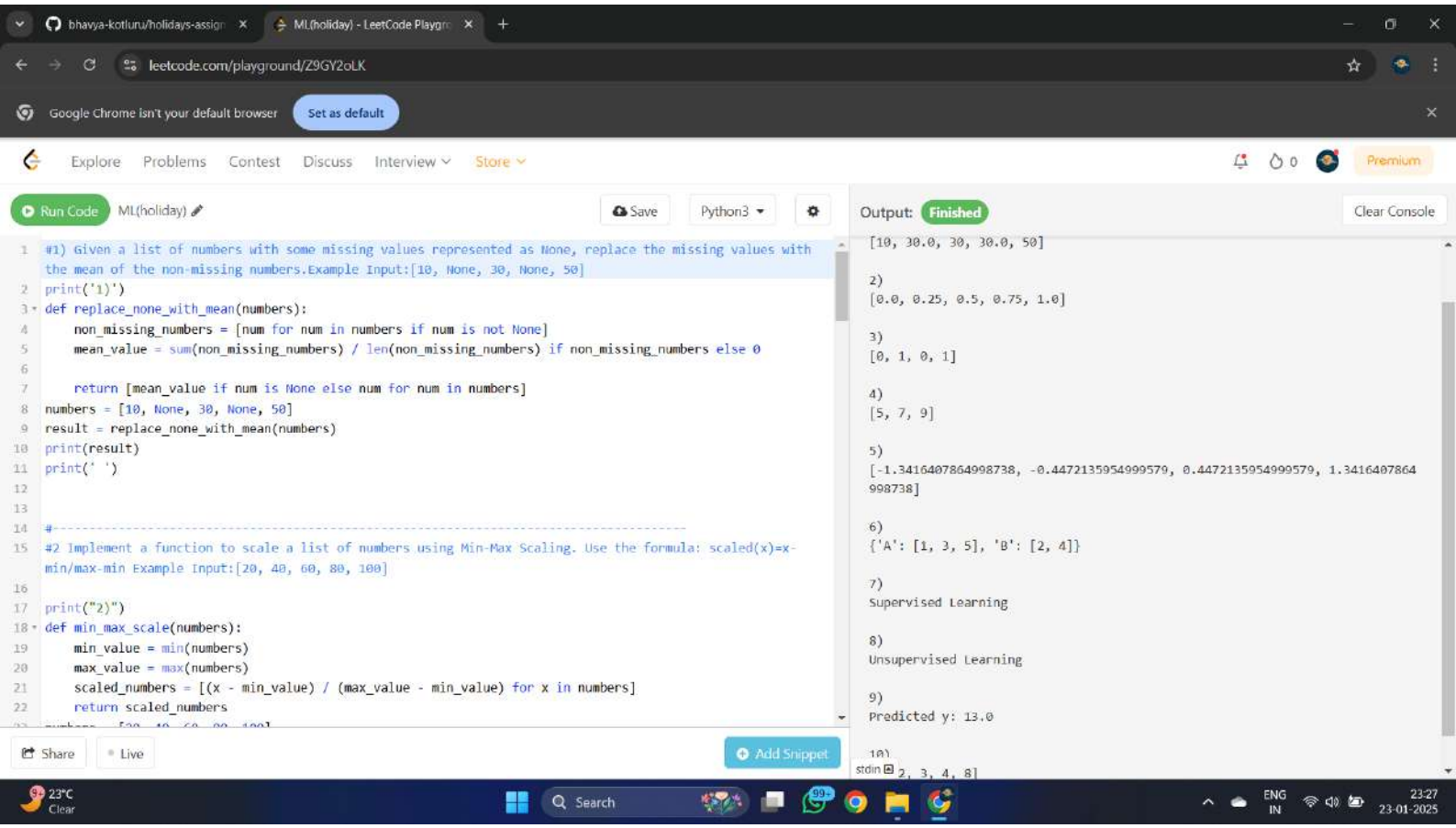
bhavya-kotluru/holidays-assign
ML(holiday) - LeetCode Playgro
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Python3
#1) Given a list of numbers with some missing values represented as None, replace the missing values with the mean of the non-missing numbers.Example Input:[10, None, 30, None, 50]
print('1)')
def replace_none_with_mean(numbers):
non_missing_numbers = [num for num in numbers if num is not None]
mean_value = sum(non_missing_numbers) / len(non_missing_numbers) if non_missing_numbers else 0
return [mean_value if num is None else num for num in numbers]
numbers = [10, None, 30, None, 50]
result = replace_none_with_mean(numbers)
print(result)
print(' ')
#----------
#2 Implement a function to scale a list of numbers using Min-Max Scaling. Use the formula: scaled(x)=x-min/max-min Example Input:[20, 40, 60, 80, 100]
print("2)")
def min_max_scale(numbers):
min_value = min(numbers)
max_value = max(numbers)
scaled_numbers = [(x - min_value) / (max_value - min_value) for x in numbers]
return scaled_numbers
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Output:
Finished
Clear Console
[10, 30.0, 30, 30.0, 50]
2)
[0.0, 0.25, 0.5, 0.75, 1.0]
3)
[0, 1, 0, 1]
4)
[5, 7, 9]
5)
[-1.3416407864998738, -0.4472135954999579, 0.4472135954999579, 1.3416407864998738]
6)
{'A': [1, 3, 5], 'B': [2, 4]}
7)
Supervised Learning
8)
Unsupervised Learning
9)
Predicted y: 13.0
10)
stdin
2, 3, 4, 8]
23°C
Clear
Search
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