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# Sorting Sales Data
sales_data = [1200, 4500, 2300, 800, 3200]
sorted_sales = sorted(sales_data, reverse=True)
sorted_sales

[4500, 3200, 2300, 1200, 800]

# Splitting Student Marks
import numpy as np

student_marks = [78, 65, 89, 90, 56, 80]
split_marks = np.array_split(student_marks, 3)
split_marks

[array([78, 65]), array([89, 90]), array([56, 80])]

# Finding Best Performing Store
store_sales = [25000, 32000, 40000, 28000]
best_store_index = store_sales.index(max(store_sales))
best_store_index

2

# Finding Worst Performing Store
worst_store_index = store_sales.index(min(store_sales))
worst_store_index

0

# Finding Insertion Index in Sorted Data
import bisect

price_list = [10, 20, 30, 50]
insert_index = bisect.bisect(price_list, 25)
insert_index

2

# Filtering High Temperatures
temperatures = [30, 36, 40, 28, 37]
high_temperatures = [temp for temp in temperatures if temp > 35]
high_temperatures

[36, 40, 37]

# Extracting High Salary Employees
salaries = [40000, 55000, 62000, 48000]
high_salaries = [salary for salary in salaries if salary > 50000]
high_salaries

[55000, 62000]

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