1. [Why is NumPy preferred over Matlab, Octave, Idl or Yorick?](https://www.interviewbit.com/numpy-interview-questions/#numpy-preferred-over-matlab-octave-idl-or-yorick)
2. [How is np.mean() different from np.average() in NumPy?](https://www.interviewbit.com/numpy-interview-questions/#np-mean-vs-np-average)
3. [How do you count the frequency of a given positive value appearing in the NumPy array?](https://www.interviewbit.com/numpy-interview-questions/#how-do-you-count-frequency-of-given-positive-value-appearing-in-the-numpy-array)
4. [How do we check for an empty array (or zero elements array)?](https://www.interviewbit.com/numpy-interview-questions/#check-for-an-empty-array)
5. [How is arr[:,0] different from arr[:,[0]]](https://www.interviewbit.com/numpy-interview-questions/#how-is-different-from)
6. [what do you understand by Vectorization in NumPy?](https://www.interviewbit.com/numpy-interview-questions/#vectorization)
7. [what](https://www.interviewbit.com/numpy-interview-questions/#what-happens-when-the-split-method-is-used-for-splitting-numpy-arrays) is difference between split() and array\_split()
8. [Write a program to convert a string element to uppercase, lowercase, capitalise the first letter, title-case and swapcase of a given NumPy array.](https://www.interviewbit.com/numpy-interview-questions/#program-to-convert-a-string-element-to-uppercase-lowercase-capitalise-the-first-letter-title-case-and-swapcase-of-a-given-numpy-array)
9. [Write a program for inserting space between characters of all elements in a NumPy array.](https://www.interviewbit.com/numpy-interview-questions/#program-for-inserting-space-between-characters-of-all-elements)
10. [Write a program to repeat each of the elements five times for a given array.](https://www.interviewbit.com/numpy-interview-questions/#program-to-repeat-each-of-the-elements-five-times)
11. [Write a program for creating an integer array with values belonging to the range 10 and 60](https://www.interviewbit.com/numpy-interview-questions/#program-for-creating-an-integer-array-with-values-belonging-to-range-10-and-60)
12. [Write a program to add a border of zeros around the existing array.](https://www.interviewbit.com/numpy-interview-questions/#program-to-add-border-of-zeros-around-the-existing-array)
13. [Write a program for changing the dimension of a NumPy array.](https://www.interviewbit.com/numpy-interview-questions/#program-for-changing-the-dimension-of-numpy-array)
14. [How does the flatten function differs from the ravel function?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#flatten-function-differs-from-the-ravel-function)
15. [What caused the Overflow error in NumPy?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#what-caused-the-overflow-error-in-numpy)
16. [How do you calculate the moving average?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#how-do-you-calculate-the%20moving%20average)
17. [What is the difference between indexing and slicing in NumPy?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#difference-between-indexing-and-slicing-in-numpy)
18. [Is this possible to calculate the Euclidean distance between two arrays?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#calculate-the-euclidean-distance-between-two-arrays)
19. [Discuss steps to deal with array objects?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#discuss-steps-to-deal-with-array-objects)
20. [What is the difference between copy and view in NumPy?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#what-is-the-difference-between-copy-and-view-in-numpy)
21. [Can you create strides from a 1D array?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#can-you-create-strides-from-a-1D-array)
22. [How does NumPy handle numerical exceptions?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#how-does-numpy-handle-numerical-exceptions)
23. [What is the biggest challenge while writing extension modules in NumPy?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#challenge-while-writing-extension-modules-in-numpy)
24. [What is the use of SWIG method in NumPy?](https://www.hackertrail.com/talent/backend/numpy-interview-questions-answers/#what-is-the-use-of-swig-method-in-numpy)
25. **Create a new array consisting of common values from two given arrays.**
26. How Can I Get Involved In Scipy?
27. What Is The Difference Between Numpy And Scipy?
28. Why Both Numpy.linalg And Scipy.linalg? What’s The Difference?
29. Do Numpy And Scipy Support Python 3.x?
30. Does NumPy use multiple cores?
31. Does NumPy use SIMD?