

Python data analysis and application

1. What are the six comparison operators?
2. Briefly describe the similarities and differences between tuples and lists.
3. How to define a function? What are the types of function parameters in Python?
4. Please write the regular expression that can match 163 email (@163.com).
5. Please briefly describe the characteristics of object-oriented programming.
6. What are the forms of Python exception handling structure.
7. What is the difference between a binary file and a text file?
8. How to read the text from PDF, Word, CSV and JSON file separately?
9. A brief introduction to supervised learning and unsupervised learning.
10. Please briefly introduce the k-means algorithm.