

info() Provides information about the DataFrame, including data types and memory usage.

merge() Merges two DataFrames based on multiple common columns.

print DataFrame Displays the content of the DataFrame.

replace() Replaces specific values in a column with new values.

tail() Displays the last n rows of the DataFrame.

Numpy		
Package/Method	Description	Syntax and Code Example
Importing Numpy	Imports the Numpy library.	<pre>Syntax: 1. Import numpy as np Example: 1. 1 2. Import numpy as np Syntax: 1. 1 2. 1</pre>
		<pre>1. array_1d = np.array([1000, 1000]) # 1D array 2. array_2d = np.array([[1000, 1000], [1000, 1000]]) # 2D array Example: 1. 1 2. 1 3. 1 4. 1 5. 1 6. 1 7. 1 8. 1 9. 1 10. 1 11. 1 12. 1 13. 1 14. 1 15. 1 16. 1 17. 1 18. 1 19. 1 20. 1 21. 1 22. 1 23. 1 24. 1 25. 1 26. 1 27. 1 28. 1 29. 1 30. 1 31. 1 32. 1 33. 1 34. 1 35. 1 36. 1 37. 1 38. 1 39. 1 40. 1 41. 1 42. 1 43. 1 44. 1 45. 1 46. 1 47. 1 48. 1 49. 1 50. 1 51. 1 52. 1 53. 1 54. 1 55. 1 56. 1 57. 1 58. 1 59. 1 60. 1 61. 1 62. 1 63. 1 64. 1 65. 1 66. 1 67. 1 68. 1 69. 1 70. 1 71. 1 72. 1 73. 1 74. 1 75. 1 76. 1 77. 1 78. 1 79. 1 80. 1 81. 1 82. 1 83. 1 84. 1 85. 1 86. 1 87. 1 88. 1 89. 1 90. 1 91. 1 92. 1 93. 1 94. 1 95. 1 96. 1 97. 1 98. 1 99. 1 100. 1</pre>



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1. 1  
2. Import pandas as pd  
  
Syntax:  
1. 1  
2. DataFrame_name.info()  
  
Example:  
1. 1  
2. df.info()  
  
Syntax:  
1. 1  
2. merged_df = pd.merge(df1, df2, on=['column1', 'column2'])  
  
Example:  
1. 1  
2. merged_df = pd.merge(column, products, on=['product_id', 'category_id'])  
  
Syntax:  
1. 1  
2. print(df) # or just type df  
  
Example:  
1. 1  
2. 1  
3. 1  
4. print(df)  
5. df  
  
Syntax:  
1. 1  
2. DataFrame_name['column_name'].replace(old_value, new_value, inplace=True)  
  
Example:  
1. 1  
2. df['status'].replace('In Progress', 'Active', inplace=True)  
  
Syntax:  
1. 1  
2. DataFrame_name.tail(n)  
  
Example:  
1. 1  
2. df.tail(5)  
  
Syntax:
```