Python for Data Analysis

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1. Outline:

   1. Overture
   2. Preliminaries

2. Python 基础, IPython 与 Jupyter Notebooks:

   1. A
   2. B
   3. C

3. Built-in Data Structures, etc.:

   1. A
   2. B
   3. C
   4. D
   5. F

4. NumPy Basics:

   1. A
   2. B
   3. C
   4. D

5. Getting Started with pandas:

   1. A
   2. B
   3. C
   4. D

6. Data Loading, Storage, and File Formats:

   1. A
   2. B
   3. C

7. Data Cleaning and Preparation:

   1. A
   2. B
   3. C
   4. D

8. Data Wrangling:

   1. A
   2. B
   3. C
   4. D

9. Plotting and Visualization:

    1. A   2. B   3. C

10. Data Aggregation and Grouping:

    1. A   2. B   3. C   4. D

11. Time Series:

    1. A   2. B   3. C   4. D   5. E

12. Advanced pandas:

    1. A   2. B   3. C

13. Modeling Libraries in Python:

    1. A   2. B   3. C   4. D

14. Data Analysis Examples:

    1. A   2. B   3. C   4. D   5. E   6. F

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