**Pandas Library**

1. **DataFrame**
2. **reading and writing data**
3. **data alignment**
4. **missing data**
5. **reshaping**
6. **slicing**, **fancy indexing**, and **subsetting**
7. **size mutability**
8. **group by**
9. **merging and joining**
10. **Hierarchical axis indexing**
11. **Time series**
12. **optimized for performance**
13. **academic and commercial**