Pandas deals with the following three data structures:

* Series
* DataFrame
* Panel

These data structures are built on top of Numpy array, which means they are fast.

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| **Data Structure** | **Dimensions** | **Description** |
| Series | 1 | 1D labeled homogeneous array, sizeimmutable. |
| Data Frames | 2 | General 2D labeled, size-mutable tabular structure with potentially heterogeneously typed columns. |
| Panel | 3 | General 3D labeled, size-mutable array. |