Agend9!

Pandas

python -> nomby -> panda Scientific --<---computing

google sheets / Excel / Humbers

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> Structured data

relational data

Real world

-> structured format -> use (analysis, calculation)

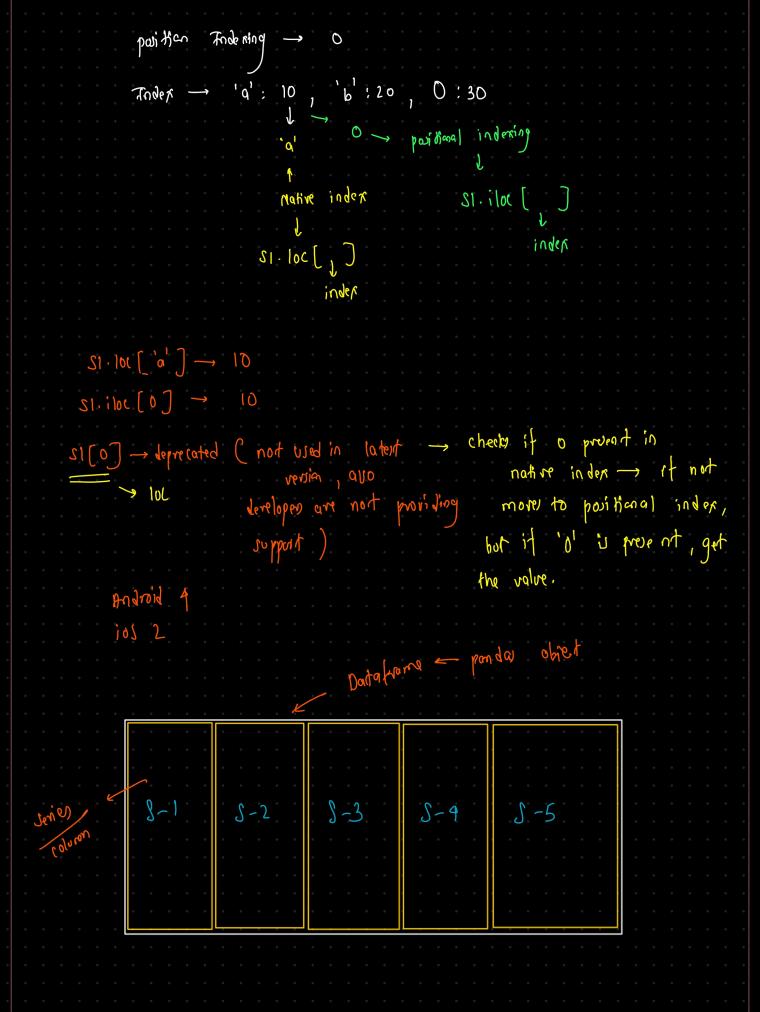
Panda

pythen

jon - structured - funct - scretch

O per source * Lata manipulation unuba * Analysis clean data → Machine Learning

rx Specific format python Numpy Pandal Fmage processing tool



```
Data:
          comma seperated ralves
  · C?^
          Name
          Mona
          kevin, 26
                                      Java Script Object
        d'Name': ['Monai', 'kevil'],
                                     notation
          'Age': [30,26]
.jsm - ( nome : 'mong)
           agel: 30
                   ' kevin
            agel: 26
                      val-1 val-2
     X "Jato": [ X )
```

```
pojo filo
  · Krol
         <people>
                                                       Javg
              < person >
                < Name > Mona) </ Name>
                    < nge> 30 2/nge>
             T beson >
               < person >
                    < Name > kevil < [Name)
                    < nge> 26 < (nge)
              (1) Person)
         2/ people)
    df ('Age') > 70
+ (i) tre
                                Low 1
(o) false
                                 Low L
(1) Twe
                                 Kow 3
(o) falle
                                 ROW 9
 (0) false
                                 ROW 5
```