S.add(k)=add new element to S %s=string %l=line %.2f=float %03d=int S.discard(k) = del k; if not found do nothing. """ (or "") = string over various lines S.remove(k)=del k, if not found KeyError. [-6][-5][-4][-3][-2][-1] S.update(seg/S2)= Update as union with seg/S2 а b C d е S.issubset(seq/S2)=is S found in set seq/S2 [0] [1] [2] [3] [4] [5] [6] S.issuperset(S2)=is S2 part of S -[2:5]- $S.union(b) = S \mid b = or$ [:3] > < [3:]-</pre> S.intersection(b) = **S & b**=and Negative indices = slice relative to the end S.difference(b) = S - b =Negative step = reverse direction of moving N[-1]=last element N[::-1]=reversed S.symmetric difference(b)= S ^ b=nor

(sudo) pip install package (sudo) pip list conda install package conda list sudo pip install -U virtualenv virtualenv dir_name source dir_name /bin/activate.....deactivate pip install name(s) \rightarrow goes in dir_name dir name/bin/jupyter notebook plotly pydotplus

pandas jupyter keras tensorflow matplotlib seaborn sklearn