**ASSIGNMENT-1**

OVERVIEW OF THINGS LEARNED IN SECTION 1 BY ME-

1. Use of study kit
2. Downloading,setting-up and installing work environment
3. Understanding project interpreter and structure

OVERVIEW OF THINGS LEARNED IN SECTION 2 BY ME-

1. How to import Numpy I.e (import numpy)
2. How to access arrays with properties like shape, datatype,zeros,ones,empty,arange,eye
3. Using of mathematical operations on arrays like sub,add,mul,inverse
4. Use of list and examples
5. Indexing and slicing properties on arrays
6. Use of conditional statements in array
7. Use of functions like sqrt,maximum,exp,add of numpy
8. To save and loading of arrays
9. Use of matplotlib library for plotting graphs using properties like savefig,title,colorbar,etc
10. Various functions of matplotlib like sum,mean,var,std,conditioning,any,all,sort,unique,etc

OVERVIEW OF THINGS LEARNED IN SECTION 3 BY ME-

1. Import panda library
2. Use of Series DataFrames
3. Use of indexes and values
4. Customizing indexes and values
5. Accessing of values using indexes
6. Use of properties like isnull,notnull to check NaN values
7. Use of .name for setting title of values and .index.name for title of indexes
8. To access clipboard by .read\_clipboard
9. To access dataframes using ways like .head,.tail
10. Use of random property of Numpy by importing randn
11. Reindexing of indexes by properties like index,columns and use of both simultaneously by name.ix([][]) for column and index
12. Filling or using of NaN values by fill\_value,ffill,fill\_na
13. Checking of Null values by functions like isnull,dropna(how=all,axis,thresh)
14. Adding Of series
15. Sorting,ranking of indexes and values
16. Use of series properties like unique,value\_count and use of dataframes mathematical operations like sum,min,max,idxmax,cumsum,describe,etc along indexes and values
17. Plotting using properties like plot,legend,show