Data Analization(Data Science)

“ Numpy and Pandas Are used for data Analization.”

**All The Libraries need to explore on Google for knowledge.**

**Cnt1**. Contains General introduction about Data Science.

**Cnt2**. Introduction to Numpy And its function.

**Cnt3**. Numpy more functions.

**Cnt4**. Array operations using Numpy.

**Cnt5**. Array More functions like Numpy argsort, argmin, Argmax and other tips.

**Cnt6**. Introduction to Pandas and some codes. Difference Between Numpy and python.

# Pandas > 1) First take all the data in the ram and then analysis begins. This make things faster.

# 2) It is used to analysis Excel data.

**Cnt7**. Slicing And Adding Column to Data frame using Pandas.

**Cnt8**. Reading the CSV(sheet) and its functions Using pandas.

**Cnt9**. Writing a CSV(sheet) file Using Pandas and Functions.

**Cnt10**. Merging Dataframes using pandas

**Cnt11**. Introduction to json and its Functions

and rules.

# Javascript Object Notation (JSON):-It is a way of storing the data and objects. ANd it is Widelt used

# Rules of Json; (1) It always acpt double court "".

# (2) Doesn't have comments.

# (3) file is always in string.

**Cnt12.** Introduction to Matplotlib and Functions.

(For plotting Single data and double and also changing the style of plotting.)