Synopsis

The program we have implemented here covers inbuilt library function of python. The inbuilt functions used are numpy, pandas, matplotlib. The program at first displays the content of a given file. Next it displays first 10 rows of file, then it displays data type of topic column, then it displays topics from 5th row to 30th row. Later the program will display topic and their corresponding algorithm used ti implement will be displayed in given range. Program also displays tools used to implement the topics from maximum to minimum. It also counts and displays programming languages used to implement topics and plot a bar graph for the same within range of 1-5. The program also plot the pie chart for the tools used against the count of programming languages used. The program also shows implementation of iterations of tools used, programming languages used to implement them.

Software used: Anaconda 3(Jupyter notebook)

Programming Language Used: Python.