﻿Write a python code to plot a line graph using the data present in the file

“pip-latency-comparison.txt”.

The final figure should look as shown in the png file. Should match line style, line color etc.

See below for some details:

Plot the line graphs for the columns PIP, Flush, PSFQ, Fetch only in the mentioned order. (Ignore that the numbers are starting from 3 below instead of 1)

3. For the line graph corresponding to PIP use:

1. Color “red”

2. Marker “x”

3. Linestyle “solid”

4. For the line graph corresponding to Flush use:

1. Color “blue”

2. Marker “+”

3. Linestyle “dashed”

5. For the line graph corresponding to PSFQ use:

1. Color “black”

2. Marker circle

3. Linestyle “dashdot”

6. For the line graph corresponding to Fetch use:

1. Color “green”

2. Marker upper triangle

3. Linestyle “dotted”

7. Some common instructions for all three line graphs:

1. Make sure that the markersize is set to 9

2. Set the markeredgewidth to 2

3. Make sure that the line width is set to 2

4. Labels should be with the exact name as the corresponding column name.

8. The legend should be displayed using the “best” location

9. Labels for x,y should be: “Number of Hops” and “Latency (ms)”

10. Display the grid.