

```

13 bars[0].set_color('#1F77B4')
14
15 # soften all labels by turning grey
16 plt.xticks(pos, languages, alpha=0.8)
17 # remove the Y label since bars are directly labeled
18 #plt.ylabel('% Popularity', alpha=0.8)
19 plt.title('Top 5 Languages for Math & Data \nby % popularity on Stack
20         Overflow', alpha=0.8)
21 # remove all the ticks (both axes), and tick labels on the Y axis
22 plt.tick_params(top='off', bottom='off', left='off', right='off', labelleft
23               = 'off', labelbottom='on')
24 # remove the frame of the chart
25 for spine in plt.gca().spines.values():
26     spine.set_visible(False)
27
28 # direct label each bar with Y axis values
29 for bar in bars:
30     plt.gca().text(bar.get_x() + bar.get_width()/2, bar.get_height() - 5, str
31                   (int(bar.get_height())) + '%',
32                   ha='center', color='w', fontsize=11)
33 plt.show()

```

Reset