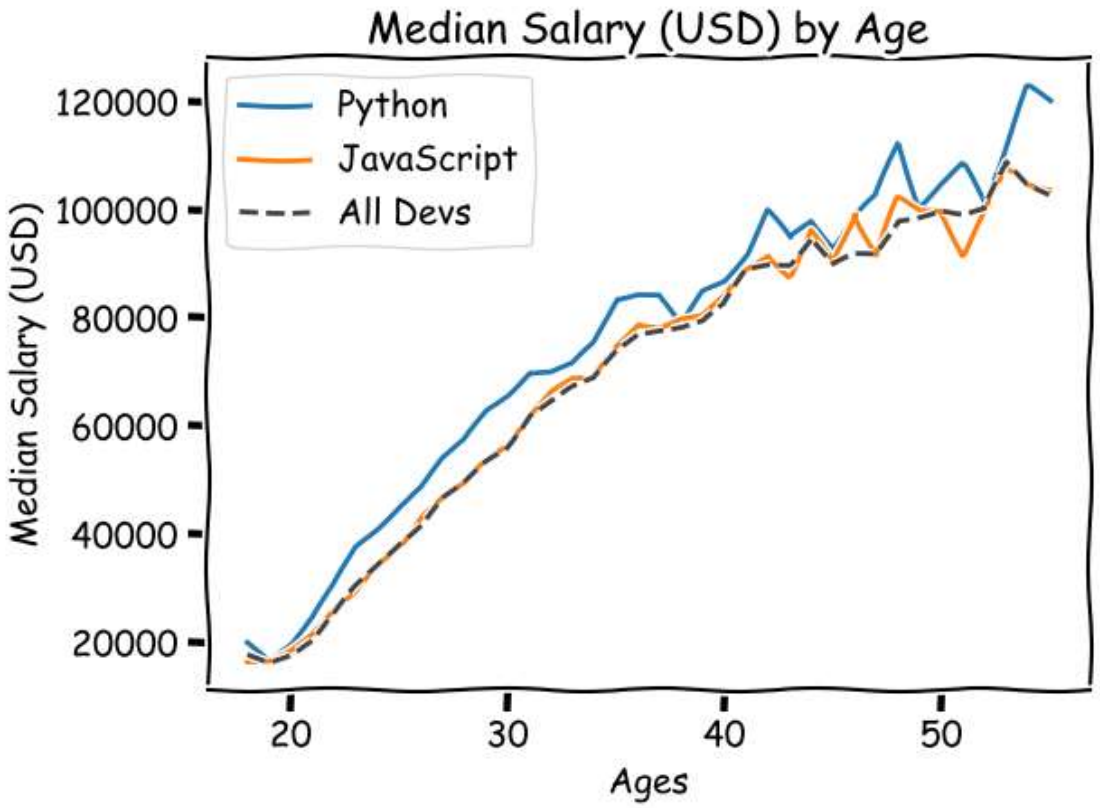
In [ ]:

```
import matplotlib
fm = matplotlib.font_manager
fm._get_fontconfig_fonts.cache_clear()

from matplotlib import pyplot as plt


plt.xkcd()

ages_x = [18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35,
          36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54

py_dev_y = [20046, 17100, 20000, 24744, 30500, 37732, 41247, 45372, 48876, 53850, 57
            84392, 78254, 85000, 87038, 91991, 100000, 94796, 97962, 93302, 99240, 1
plt.plot(ages_x, py_dev_y, label='Python')

js_dev_y = [16446, 16791, 18942, 21780, 25704, 29000, 34372, 37810, 43515, 46823, 49
            78508, 79996, 80403, 83820, 88833, 91660, 87892, 96243, 90000, 99313, 91
plt.plot(ages_x, js_dev_y, label='JavaScript')

dev_y = [17784, 16500, 18012, 20628, 25206, 30252, 34368, 38496, 42000, 46752, 49320
         78000, 78508, 79536, 82488, 88935, 90000, 90056, 95000, 90000, 91633, 91660
plt.plot(ages_x, dev_y, color='#444444', linestyle='--', label='All Devs')

plt.xlabel('Ages')
plt.ylabel('Median Salary (USD)')
plt.title('Median Salary (USD) by Age')

plt.legend()

plt.tight_layout()

plt.savefig('plot.png')

plt.show()
```


Median Salary (USD) by Age
Python
JavaScript
All Devs
Median Salary (USD)
120000
100000
80000
60000
40000
20000
20
30
40
50
Ages

In [ ]: