Output in lab Line graphs

```
df = pd.DataFrame({
       'Experience': [1,3,5,7,9],
       'Salary': [3000,5000,7000,9000,11000],
       'Bonus': [500,800,1200,1500,2000],
       'Satisfaction': [6.5,7.0,7.8,8.2,8.7]
  })
  df
✓ 0.0s
  Experience Salary Bonus Satisfaction
0
                3000
                        500
                                      6.5
                5000
                        800
                                      7.0
           5
2
                7000
                       1200
                                      7.8
                9000
                       1500
                                      8.2
4
           9
               11000
                       2000
                                      8.7
```



```
x = df['Experience']
 y1 = df['Salary']
y2 = df['Bonus']
 y3 = df['Satisfaction']
 ax[0].plot(x, y1)
 ax[0].set_xlabel('Years of Experience')
ax[0].set_ylabel('Salary ($)')
 ax[1].plot(x, y2)
 ax[1].set_title('Experience vs Bonus')
  ax[1].set_ylabel('Bonus ($)')
  fig.suptitle('Experience vs Salary & Bonus', fontsize=14)
 plt.tight_layout()
 plt.show()
                 Experience vs Salary & Bonus
           Experience vs Salary
                                              Experience vs Bonus
                                      2000
   10000
Salary ($)
                                    ⊕ 1500
   8000
                                    Bonus
1000
   6000
    4000
                                        500
             2.5
                           7.5
                                                2.5
                                                       5.0
                                                              7.5
                    5.0
              Years of Experience
                                                 Years of Experience
```







