```
def overlay_gauss(array):
    avg = avg_money(array)
    sigma = variance(array)

    fig = plt.figure(figsize=(5,5))
    ax  = fig.add_subplot(111)

    # now plot
    data= array
    counts, bins, bars = ax.hist(data, bins=100, normed=True)
    mon = np.linspace(0,max(array))
    h = ax.plot(mon, mlab.normpdf(mon, avg, sigma), lw=2, color='r')

    #Nice-ness
    plt.xlabel("Amount of Money that The Individual Possesses")
    plt.ylabel("Counts of Histogram")
    plt.title("Distribution of Wealth")

    # show
    plt.show()
    plt.tight_layout
```