Price BAC TSLA KO [150 rows x 4 columns] Lowest risk Ticker Date Return 0.11776 2014-01-02 NaN NaN NaN Risk 0.18528 2014-01-03 0.019254 -0.003598 -0.004919 Sharpe 0.63558 2014-01-06 0.015235 -0.017117 -0.004696 Weights [0.158, 0.045, 0.797] 2014-01-07 -0.009604 0.016054 0.002980 Name: 18, dtype: object 2014-01-08 0.004848 0.012855 -0.011142 ['BAC', 'TSLA', 'KO'] Highest return Return Risk Sharpe Weights Return 0.468686 0 0.240727 0.244891 0.982996 [0.3, Risk 0.450218 0.292, 0.408] Sharpe 1.041018 1 0.15404 0.216079 0.712886 [0.438, Weights [0.171, 0.796, 0.032] 0.09, 0.472] Name: 131, dtype: object 2 0.240734 0.238045 1.011296 [0.172, 0.307, 0.521] ['BAC', 'TSLA', 'KO'] 3 0.254208 0.253872 1.001322 [0.289, 0.322, 0.39] Highest sharpe ratio 4 0.239963 0.243357 0.986052 [0.286, Return 0.347361 0.292, 0.422] Risk 0.327414 .. ... ... ... Sharpe 1.060921 145 0.170648 0.200884 0.849484 [0.228, 0.15, 0.623] Weights [0.066, 0.548, 0.386] 146 0.282738 0.269364 1.049652 [0.087, Name: 118, dtype: object 0.407, 0.506] ['BAC', 'TSLA', 'KO'] 147 0.247165 0.241772 1.022307 [0.136, 0.325, 0.539] 148 0.298868 0.285502 1.046814 [0.203,

0.428, 0.369]

0.31, 0.261]

149 0.256167 0.267454 0.9578 [0.429,