

The second chart, titled Risk vs. Return Comparison, presents the same investments in a scatter plot format, making it easier to compare each asset individually. Together, both charts reinforce the key concept that higher returns generally require taking on higher risk, while also highlighting the importance of choosing efficient portfolios. This chart helps visualize how each investment compares directly, allowing investors to choose based on their risk tolerance and return expectations. SPY has slightly higher risk than Apple but offers a lower return, reflecting the effect of diversification in reducing potential gains while spreading risk. Apple is positioned in the middle, showing a moderate level of risk with a relatively strong return, making it an attractive balanced option. Mastercard appears at the lower end of both risk and return, confirming its position as a stable and conservative investment. Tesla stands out clearly with the highest risk and highest return, emphasizing its volatile but high-growth nature.