R = 100 : 100 : 2500;

effeciency = [0.8283 0.8728 0.8756 0.8674 0.8551 0.8410 0.8264 0.8115 0.7967 0.7822 0.7679 0.7540 0.7406 0.7275 0.7147 0.7024 0.6905 0.6789 0.6677 0.6568 0.6462 0.6360 0.6261 0.6164 0.6071];

% Plot Efficiency vs. Resistance

plot(R, effeciency, '-o');

xlabel('Load Resistance (Ohms)');

ylabel('Efficiency (%)');

title('Efficiency vs. Load Resistance');

grid on;