BMGT 404 Homework 7 Python

What to turn in

Turn in your answers (Python codes and corresponding outputs) through ELMS by 10:00AM on Wednesday, May 3rd.

Q1. Linear Algebra (30pts)

Bob invested \$10,000 on two mutual funds one year ago. After one year, the overall yield rates for these two mutual funds are +2% and +4%. His yearend account showed \$10,250. How much did he initially put onto two mutual funds?

Q2. Optimization - Curve Fit (50pts)

Given 16 pairs of prices (as dependent variable) and corresponding demands (as independent variable), use the curve fitting tool to estimate the best fitting linear, exponential, logarithmic, and power curves.

Q3. Statistics - Linear Regression (20pts)

Given 16 pairs of prices (as dependent variable) and corresponding demands (as independent variable), use the linear regression tool to estimate the best fitting linear line.

171 2430