

Module 1 Assignments

BUSI 721

Data Driven Finance I



The six assignments for Module 1 are provided below. For each assignment, submit a Jupyter notebook on Canvas. If there are multiple questions in an assignment, copy each question into a Markdown cell and provide your answer in the cell or cells below it.

1.1 Present and Future Values

Answer each of the following.

1. I have \$50,000 now and I plan to invest \$20,000 in one year and another \$20,000 at the end of the following four years (five investments of \$20,000 in five years in total). If I earn 6% per year on my investments, what will I have at the end of the five years, including the final investment?
2. I have \$50,000 now and plan to invest money at the end of this year and also for the following four years (five investments in five years in total). I expect to earn 6% per year. I hope to have \$200,000 at the end of the five years, including the last investment. How much do I need to invest each year?