Assignment - 6

Explain CAGIR with examples:

the reate at which an investment grows aroundly, assuming the Porofits are reinvested at the end of each year. It Smooths out the growth reate are a Poriol, accounting for volatility and Showing a Steady around reate of growth from the beginning to the end of the Period. The formula for CAGR is.

CAGR = (Ending Value)/n
Beginning Value -1

Ending Value = Value of the invertment at the end of the Poriod.

Beginning Value = Value of the investment at the start of the Period.

n = Number of Years.

Example 1: Investment Growth.

Let's Say you invested \$ 10,000 is a stock in 2019 and by 2023 the value of Your investment has grown to \$ 20,000. To calculate the

Beginning Value (2019) = \$ 10,000 Ending Value (2003) = \$ 20,000 Number of years (n) = + CAGR = (2000) + -1 = (2) 0-25

= 18.92.1.

So, the CACIR is 13.927 - meaning the investment green by about 18.921. Per your on average over the t- Year Porciod.

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