

# Present Value of Investment

The sum of the initial (  $I_0$  ) and all future investment discounted for the present time:

$$PV = \sum_{i=0}^t \frac{FV_i}{(1 + r_f)^i} = -I_0 + \frac{FV_1}{1 + r_f} + \frac{FV_2}{(1 + r_f)^2} + \dots + \frac{FV_t}{(1 + r_f)^t}$$

## See also

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