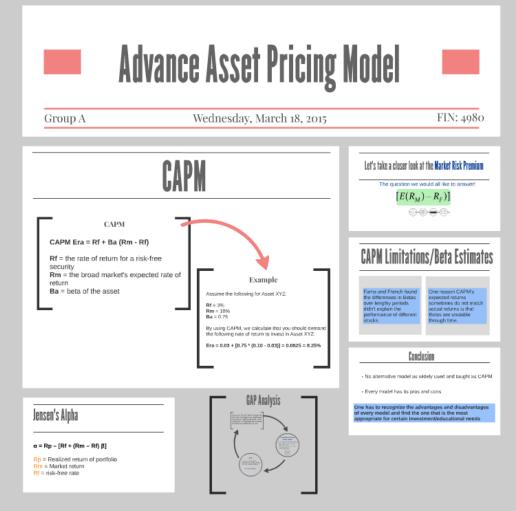


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Advance Asset Pricing Model



Group A

Wednesday, March 18, 2015

FIN: 4980

CAPM

CAPM

CAPM Era = Rf + Ba (Rm - Rf)



Let's take a closer look at the Market Risk Premium

The question we would all like to answer!

$$[E(R_M) - R_F)]$$



CADM Limitations / Data Estimates

CAPN

CAPM

CAPM Era = Rf + Ba (Rm - Rf)

Rf = the rate of return for a risk-free security

Rm = the broad market's expected rate of return

Ba = beta of the asset



Example

Assume the following for Asset XYZ:

Rf = 3%

Rm = 10%

Ba = 0.75

By using CAPM, we calculate that you should demand the following rate of return to invest in Asset XYZ:

Era = 0.03 + [0.75 * (0.10 - 0.03)] = 0.0825 = 8.25%

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