Lecture 6: Industry Analysis

- o larly do Endustry analysis?
 - · The purpose:
 - help find profitable investment opportunities
 - part of the three-step, top-down plan
 - · For valuing individual companies &
 - · selecting stocks for a portpolio.
 - · what do me beam from industry analysis?
 - Is there a difference behusen
 - o the returns pratternative industries during specific time periods?
 - Do firms within an industry show consistent performance over time?
 - will an industry that performs well in one period continue to perform well in the puture?
 - and an individual industry
 - · to predict puture trends for the industry?
 - 1s there a difference in the risk for alternative industries?
 - Does the risk for individual industries vary or
 - · does it remain relatively constant over time?
 - · Cross-sectional industry performance:
 - Mide dispersion in rates of return in different industries
 - performance varies from year to year
- These results imply that industry analysis is important & necessary to uncover these substantial performance differences that is, it helps identity both unpropitable & profitable opportunities.

andustry performance over time - there is almost no association in individual industry performance year to year or over sequential rising or falling markets - variables that affect industry performance change over time. performance of companies within an industry - there is uide dispersion in the performance of companies within an industry. -this reinforces the need for company analysis in addition to Endustry analysis. odifferentes in industry risk · Empirical studies - have found a wide range of risk among different industries at a point in time, - and that differences in industry risk typically widered during vising and falling markets. - Although risk measures for different industries have shown substantial dispersion during a period of time, · individual industries risk measures are stable over fime aludustry analysis process - as similar to the analysis of the economy & the aggregate equity market! The macroanalysis of the industry - The business cycle & industry sectors - structural economic changes & alternative industries - Evaluating an industry's life cycle - Analysis of the competitive environment in an industry of the microvaluation of the Industry - The usual techniques

Business cycle and industry sectors

-economic trends can and do affect industry performance

· By identifying and monitoring key assumptions & variables,

of new information on our economic outlook & ann industry

analysis.

-different industries differentially affected by business cycle.

· Robation strategy

another over the course of a business cycle.

· Economic variables and different industries

· Inflation

-higher inflation is generally negative for stocks

· Interest rates

- For example, financial & housing industries will be adversely affect by high interest rates.

eInternational economics

-economic growth in world regions or specific countries benefits industries with a large presence in the areas

· Consumer sentiment

-the performance of consumer cyclical industries will be affected by changes in consumer sentiment

osocial influences

· Demographics - rise or fall in certain age groups

· Litestyles - tads and tashions, eg, smart phones ...

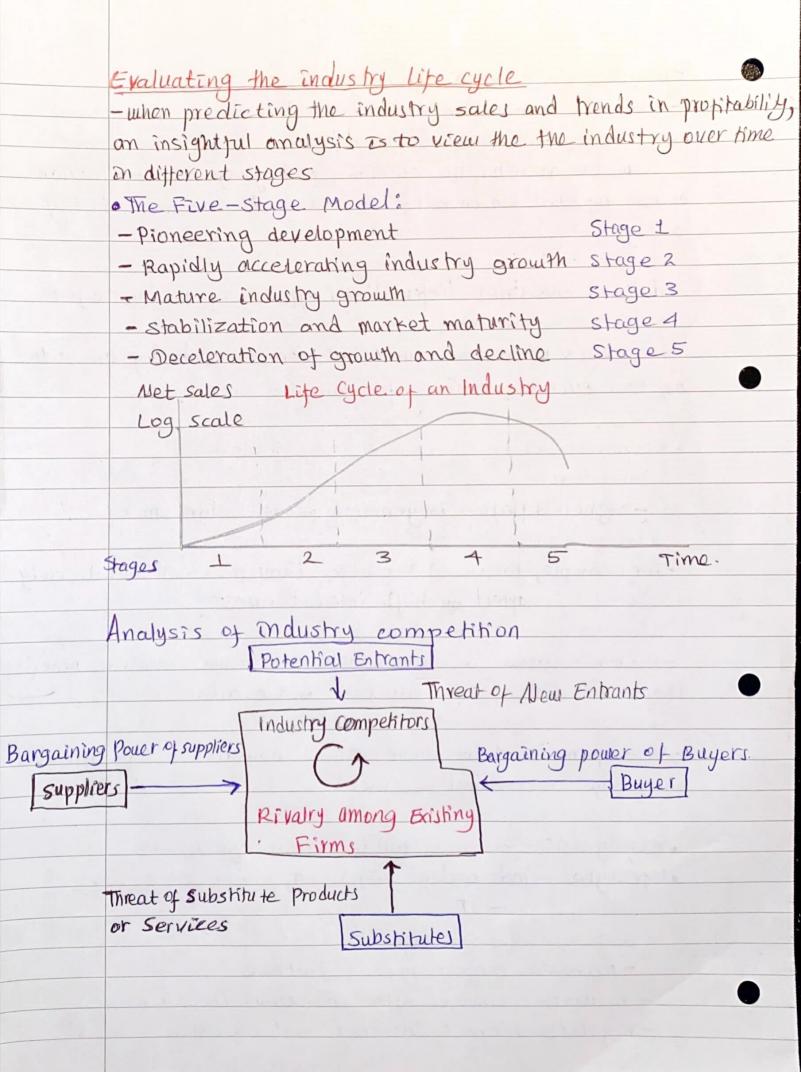
· Technology - IT

· Politics and Regulations

- Economic reasoning - Fairness

- regulatory changes affect numerous industries

-regulations affect international commerce.



	Industrial Competition
8	Above average returns on an andustry dopends on
	- the intensity of competition among firms in the industry
	- (the competitive environment)
0	5 aspects to consider from the flow diagram (Michael Porter)
•	Each aspect has an effect on Industry returns.
161	MEANINALIZATION OF ENGLISHING
	Microvaluation of industries
0	The same general techniques we used for markets can be
	applied at the industry level:
•	Discounted cash Flows:
	- The Dividend Discount Model (DDM)
	- The Free Cash Flow to Equity Model (FCFE)
	Relative Natuation Techniques:
	- The Earnings Mulkipiser Technique
	- Other Relative Valuation Ratios.
0	The main difference is in
	- the estimates of the individual variable),
	- In particular, the required rate of return.
	Minoralation of industrial
	Microvaluation of industries.
	Estimating Industry rates of return (K)
0	
	Start with an oskimate of the market k
	o then, estimate in the manner risk premium for the industry
	Vs me market. Two afternature approaches:
	1) Individually estimate the components of risk for the industry:
	- business risk (BR) - exchange rate risk (ERR)
	- financial risk (FR) - country political risk (CR)
	- liquidity rist (LR)
	2) compute the required rate for industry from the CAPM:
	$E[R_j] = R_j + \beta_j - (E[R_m - R_j]).$

Global Industry analysis o The macroe conomic environment on the major producing & consuming countries for this industry. An everall analysis of the significant companies in the ondustry & the products they produce.

What are the accounting differences by country & how do these differences impact the relative valuation ratios? · what is the effect of currency exchange rate brends for the major countres?