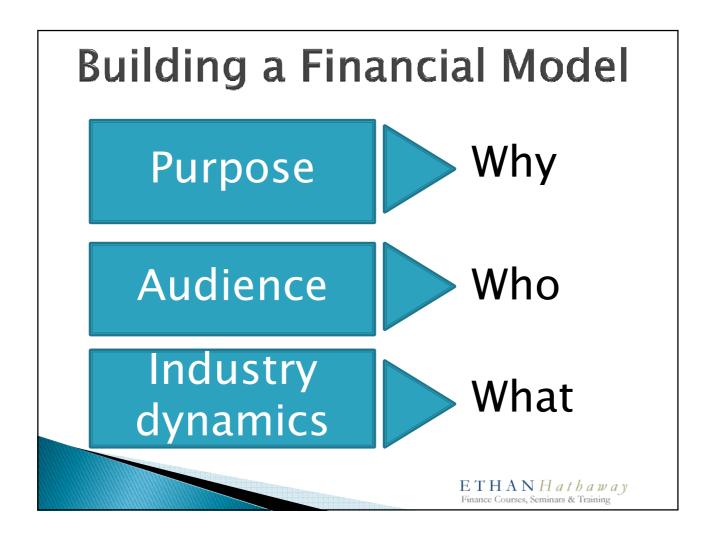
ETHANHathaway Finance Courses, Seminars & Training

Fundamentals of Financial Modelling in Excel (Online Version)

What is a financial modelling?

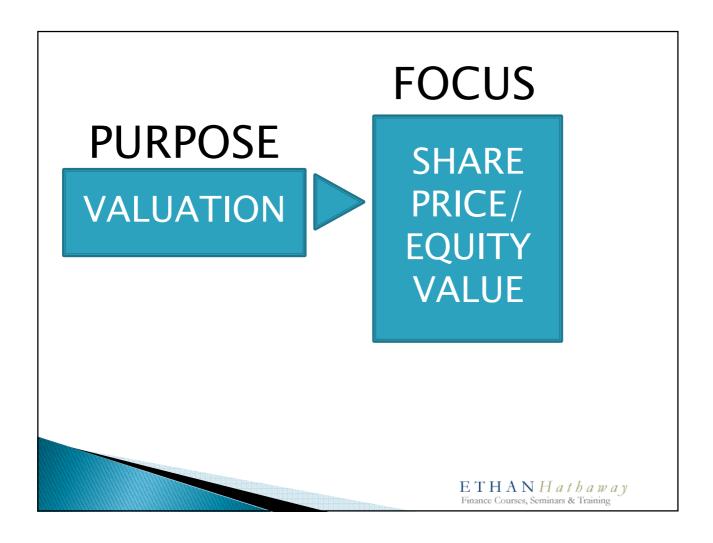
- building an abstract representation of a financial decision making situation. (Wikipedia)
- complex analytical procedure of key input variables from which values of other accounts can be calculated. (Google)
- the process of creating a theoretical construct in a spreadsheet that represents numerical processes by a set of variables and a set of logical and quantitative relationships between them (SSRB)

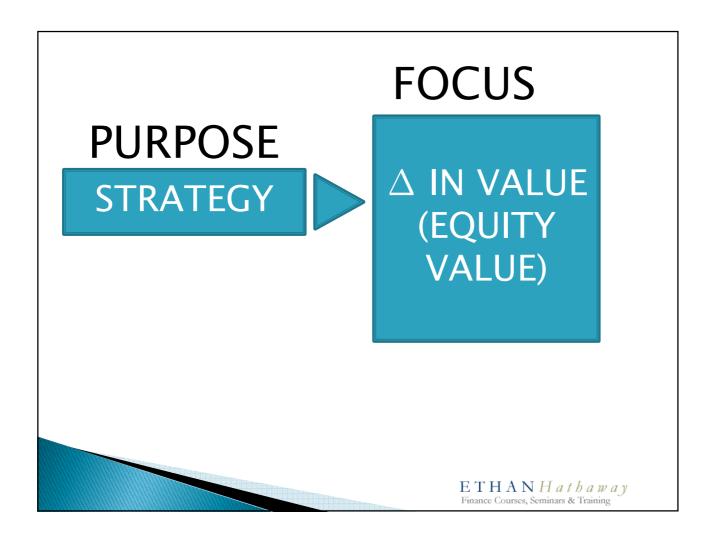


Purpose: Why are you building

- Valuation
- Credit
- Budgeting
- Pricing
- Strategy

FOCUS ON WHAT IS IMPORTANT!





Audience: Who depends on your model

- BOD/Owners
- C-level staff
- Directors
- Managers
- Fund Managers

DETERMINE LEVEL OF **GRANULARITY!**

Dynamics: What drives the industry Revenue Generation Cost Structure Than Halbaway Finance Courses, Seminars & Training

Dynamics: Telecom Sector

- Revenue Generationn
- CostStructure

- Capital Expenditures
- Subscribers
- ARPU (Average Revenue per Unit)
- Cost per Unit
- Debt-to-Equity Ratio
- Dividend Ratio

Tip: If possible, limit your drivers to at most 10. Assumptions can be as many as you can.

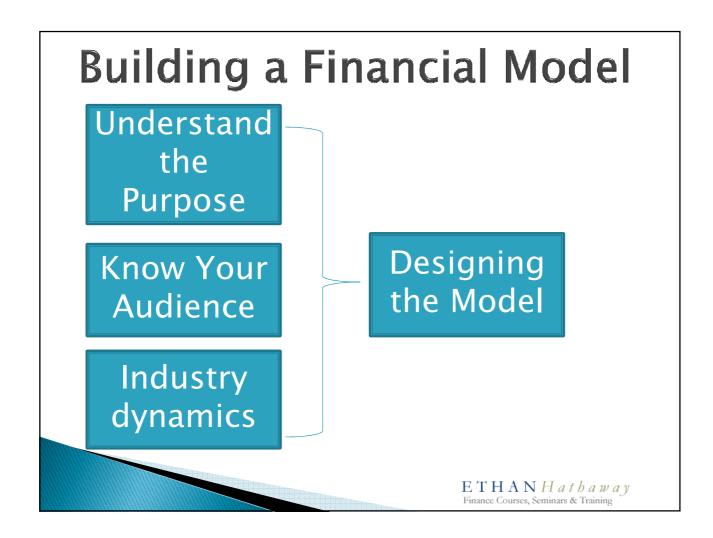
Drivers vs Assumptions

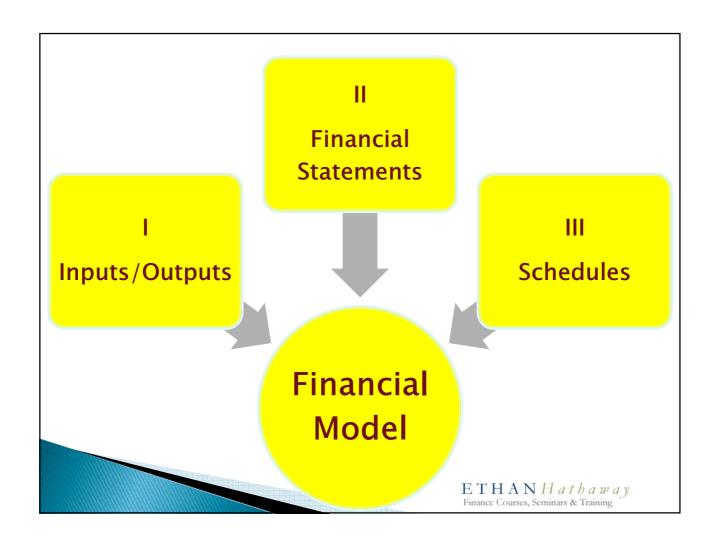
ASSUMPTIONS

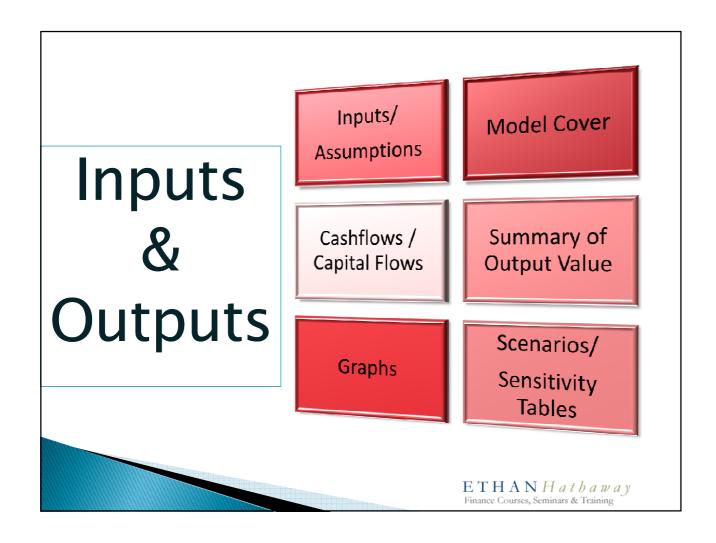
NECESSARY TO COMPLETE THE MODEL

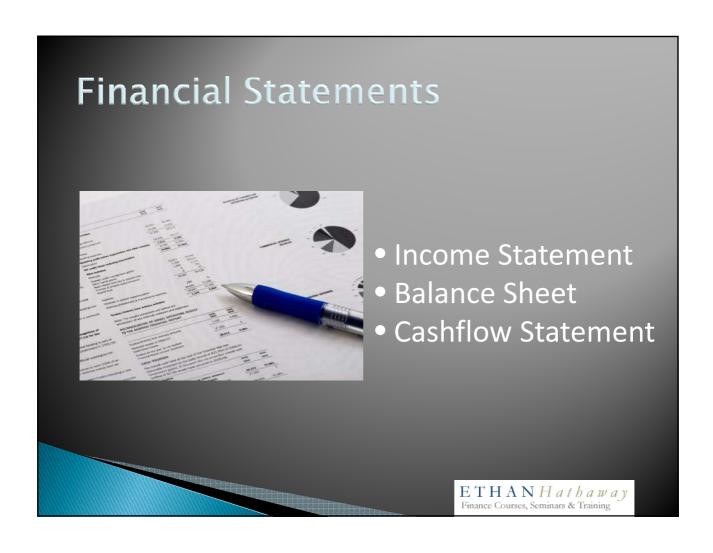
DRIVERS

MOST IMPORTANT ASSUMPTIONS. KEY SUCCESS FACTORS OF BUSINESS. TYPICALLY INCLUDED IN A DASHBOARD FOR WHAT-IF ANALYSIS

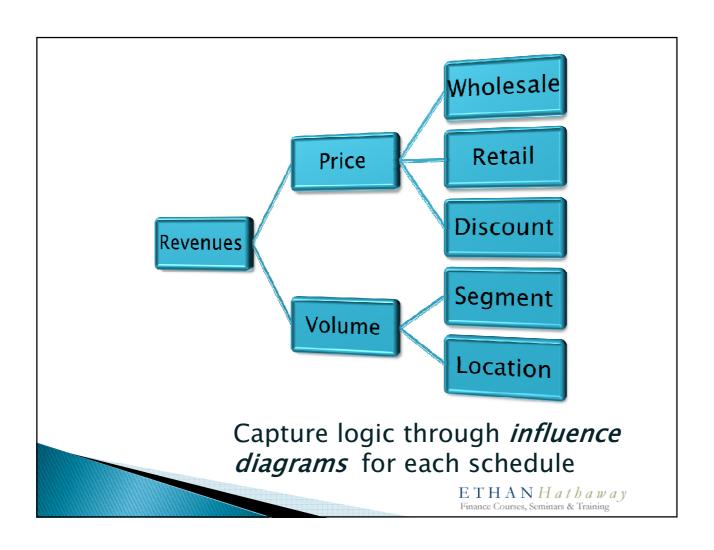








Use Influence Diagrams when creating supporting schedules

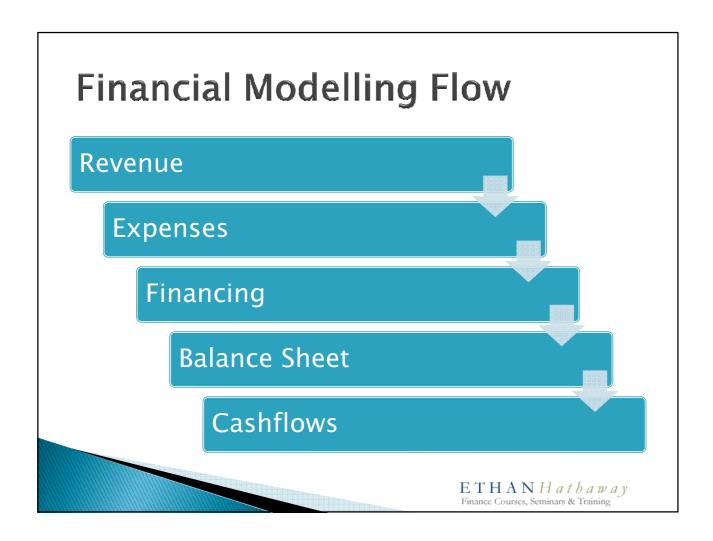


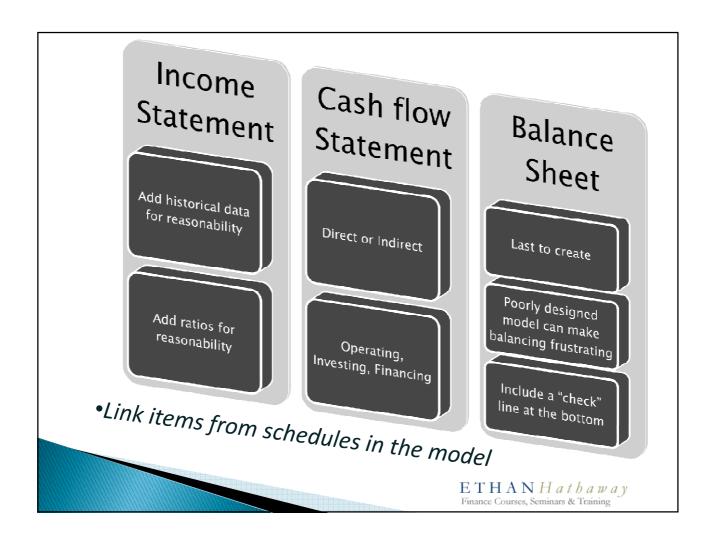
Common Schedules

- Revenues
- Costs
- Capex, Fixed Asset and Depreciation
- Income Tax
- Working Capital
- Debt and Interest
- Valuation
- WACC



Each schedule follows its own logic!





Financial Modelling Tips

- 1. Keep it simple
- 2. Never hardcode (unless they are assumptions)
- 3. Use keyboard to increase speed
- 4. Label everything properly (even excessively)
- 5. Scatter and summarize alert or flag checks
- 6. Create dashboard
- 7. Limit external linking to 1 worksheet



